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STRONG-MOTION EARTHQUAKE RECORDS ON THE 1983 NIPPONKAI-CHUBU
EARTHQUAKE IN PORT AREAS

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昭和58年(1983年)日本海中部地震の港湾地域における強震観測

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* Abbreviations used above:

- AR : Analog record (computer plots of digitized record)
- IR : Integrated velocities and displacements (computer plots of digitized record)
- RS : Response spectra
- NR : Numerical tables of response spectra
- FS : Fourier spectra
- LO : Loci of accelerations, velocity and displacements

昭和58年(1983年)日本海中部地震の港湾地域における強震記録

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要 旨

1983年5月26日12時に、秋田県と青森県の県境沖約100 Kmに震源を持つマグニチュード7.7の地震が発生した。この地震では、秋田、深浦、むつで震度Vが記録されるなど、日本海側では最大規模の地震であった。気象庁では、この地震を「昭和58年(1983年)日本海中部地震」と命名した。この地震によって、北海道から島根に至る日本海沿岸に津波が発生し、多数の人命が失われ、沿岸地域の施設や船舶に多大な被害が発生した。港湾、道路、河川、干拓地、都市、工場等における土木、建築施設に発生した被害の特徴は、飽和した砂質地盤が地震動により液状化したことが主要な原因であると見られている。

この地震による港湾関連施設の被害は北海道、青森県、秋田県および島根県下の14港湾において発生しており、その被害額は、約116億円に達した。この内、旧雄物川の河口に発達した秋田港では、主要な港湾施設の8割以上が被災した。被害のおもな形態は、岸壁の傾斜、はらみ出し、エプロン部の亀裂、沈下、荷役クレーンの傾斜、上屋内の床の亀裂、沈下等であり、これらの主要な原因として、地盤の液状化現象が挙げられている。

港湾における強震観測網によっては、この地震の本震に対し11台の強震計で記録が得られている。その地理的範囲は、北は小樽港から南は酒田港に及んでいる。この内、最も大きな加速度は、震央距離123 Kmの秋田港において得られた205ガル(東西方向成分)である。

この資料で報告する強震記録は、1983年5月26日の「昭和58年(1983年)日本海中部地震」および主要な3つの余震で得られたものであり、対象となる記録数は20である。これらの強震記録の各成分の最大加速度を強震観測表に示し、最大加速度が20ガル以上の記録の11本については、さらにつきに示す内容のものにまとめた。

1. 加速度波形
2. 積分により求めた速度および変位波形
3. 応答スペクトル
4. フーリエスペクトル
5. 水平面内の加速度、速度および変位の軌跡

また、最大加速度が50ガル以上の記録については、加速度数値表を巻末に添えた。これは計器特性の補正を行っていない数値である。以上の図表の内容については、「港湾地域強震観測年報(1982)」、「昭和57年(1982年)浦河沖地震の港湾地域における強震記録」に掲載したものと同様である。

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STRONG-MOTION EARTHQUAKE RECORDS ON THE 1983 NIPPONKAI-CHUBU EARTHQUAKE IN PORT AREAS

Eiichi KURATA*
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Synopsis

This report presents the strong-motion earthquake records of the 1983 Nipponkai-chubu earthquake in port areas in Japan. Event data of the earthquake are listed with the maximum component accelerations of all the records obtained in the network of the Port and Harbour Research Institute. 11 records of them are presented as acceleration time histories, integrated velocities and displacements, response spectra, Fourier spectra, and loci of acceleration, velocity and displacement. Listings of the digitized records are presented for 6 records. This report has almost the same format and almost the same procedures for data processing as the preceding annual reports.

1. Introduction

On May 26, 1983 an earthquake of magnitude 7.7 hit off Akita prefecture in Japan. The epicenter was located at about 120 km northwest of Akita city. This earthquake brought about 48 million dollars of damage on port facilities. The earthquake was named as "1983 Nipponkai-chubu earthquake" by the Japan Meteorological Agency (JMA).

The earthquake triggered many strong-motion accelerographs of the network of the Port and Harbour Research Institute (PHRI). The largest peak ground acceleration as 205 Gals was recorded at Akita Port which locates 123 km from the epicenter.

The strong-motion earthquake records from the PHRI network were used to be published as annual reports (1 through 17 in references) except four special reports on the great earthquakes (18 through 21 in references). This report is the fifth special compilation of the records which may serve a convenience to the users with special interest in this great earthquake.

This report presents followings on the strong-motion earthquake records, from the PHRI network, on the 1983 Nipponkai-chubu earthquake;

- i) Strong-Motion Earthquake Observation Results (They are lists of event data and all the strong-motion earthquake records recovered in the PHRI network)
- ii) Analog reproductions of original records
- iii) Instrument corrected accelerations, integrated velocities and integrated displacement
- iv) Response spectra of instrument corrected accelerations (Figures and numerical tables)
- v) Fourier spectra of instrument corrected accelerations
- vi) Loci of accelerations, velocity and displacements in horizontal plains
- vii) Listings of original digitized records without instrument correction

The format of the publication and the procedures for data processing are almost identical with those of the preceding annual report (17) except a few points to be described in the following sections of this report.

The strong-motion earthquake observations are being carried out by several organizations and agencies in Japan. Therefore, besides the records in this report, there are many other records of the 1983 Nipponkai-

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chubu earthquake. The nation wide compilation of the strong-motion earthquake records of the earthquake is available separately (22).

The strong-motion earthquake observation in port areas in Japan has been being performed by the PHRI in co-operation with the following organizations:

- Bureau for Ports and Harbours, Ministry of Transport;
- Regional Bureaus for Port Construction, Ministry of Transport;
- Port and Harbour Division, Hokkaido Development Bureau, Hokkaido Development Agency;
- Okinawa General Office, Okinawa Development Agency; and
- Harbour Bureaus (Sections) of Prefectural Governments(Tokyo,Osaka,Shizuoka and Miyazaki).

2. Earthquakes

The strong-motion earthquake records of the main shock are listed in "Strong-Motion Earthquake Observation Results" which are presented in the later part of this report. There are some other strong-motion earthquake records obtained during several days after the main shock and triggered by the earthquakes whose epicenters were located almost in the same places as that of the main shock; according the Reference (24), however, they are not explicitly classified as aftershocks. Therefore, such records are not listed in this report.

The event data of the main shock are presented in "Strong-Motion Earthquake Observation Results" together with the maximum component accelerations of the records. The location of epicenter of the main shock and seismic intensities in the JMA intensity scale at various places are presented in Fig. 1. The Roman numerals in the figure indicate the seismic intensities. The JMA seismic intensity scale is given in Table 1. The event data are based upon the publication of JMA (23).

Table 1 JMA Seismic Intensity Scale (After Ref. 32)

0	: NO FEELING Shocks too weak to cause human feelings and registered only by a seismograph.
I	: SLIGHT Extremely feeble shocks only felt by persons at rest or by those who are observant to an earthquake.
II	: WEAK Shocks felt by most persons, slight shaking of doors and Japanese latticed sliding doors (shoji).
III	: RATHER STRONG Slight shaking of houses and buildings, rattling of doors and Japanses latticed sliding doors (shoji), swinging of hanging objects like electric lamps, moving of liquids in vessels.
IV	: STRONG Strong shaking of houses and buildings, overturning of unstable objects, spilling of liquids out of vesels.
V	: VERY STRONG Cracks in the walls, overturning of gravestones, stone lanterns etc., damage to chimneys and mud-and-plaster warehouse.
VI	: DISASTROUS Demolition of houses by less than 30% in total number, landslips, fissures in the ground etc.
VII	: VERY DISASTROUS Demolition of houses by more than 30%, intense landslips, large fissures in the ground, faults.

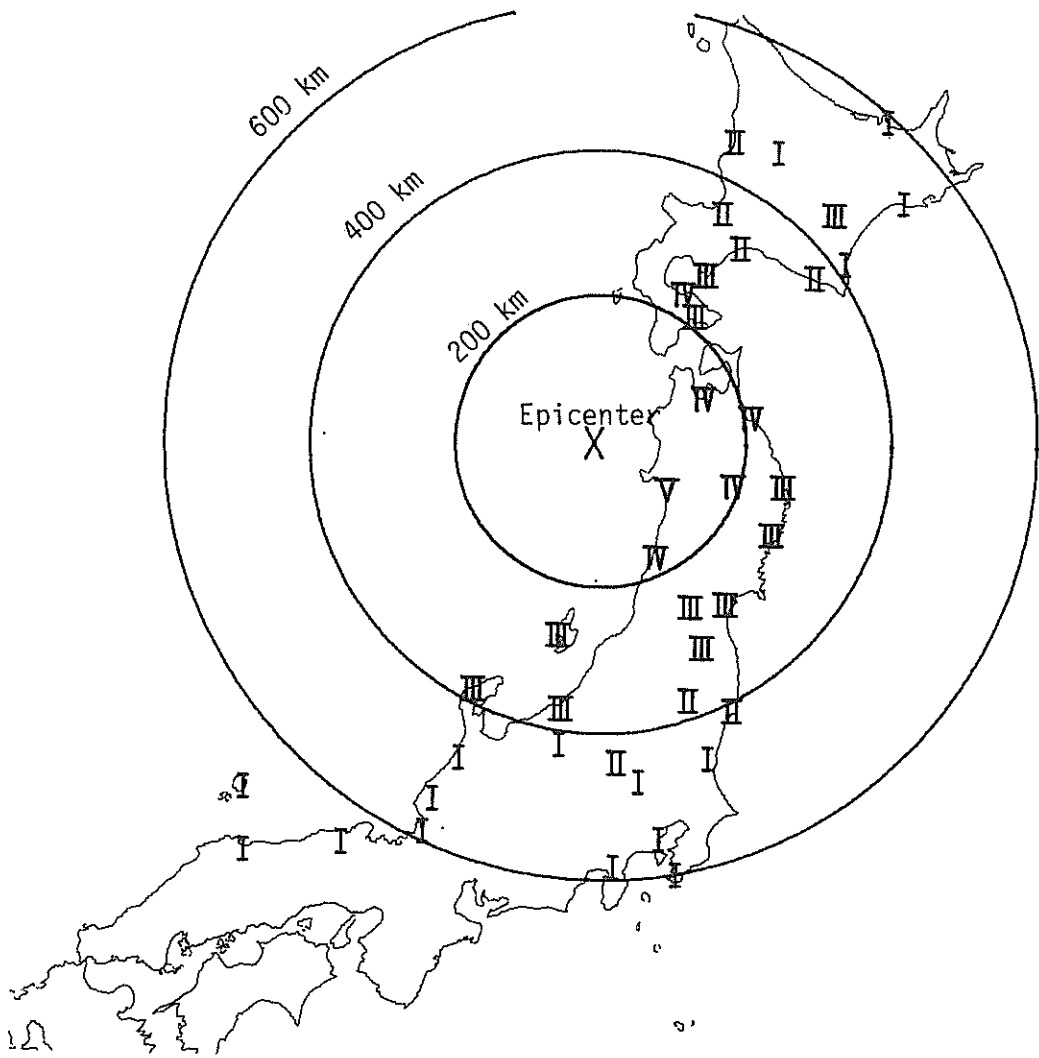


Fig. 1 Epicenter and seismic intensities of main shock of May 26, 1983 (12:00)

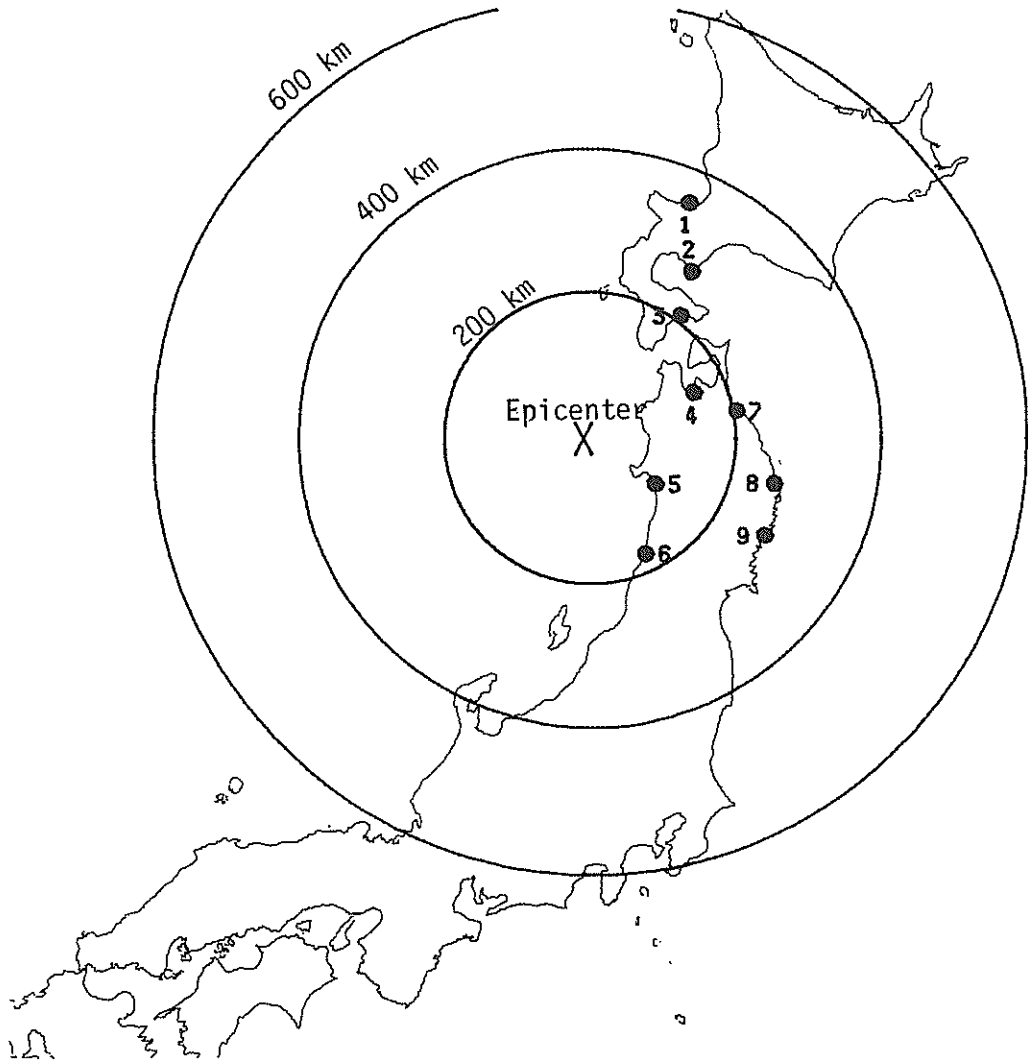


Fig. 2 Location of stations of RHRF network

3. Stations

The strong-motion earthquake observation stations of the PHRI network are shown in Table 2. The stations in the table are limited to those recording this earthquake. The ports where the stations are located are also indicated in Fig. 2 with Arabic numerals, which are corresponding with the port numbers in Table 2. Installation condition and accelerograph type of each station are also given in Table 2.

The accelerographs of the PHRI network are the SMAC-B2 accelerograph and the ERS accelerograph. Detailed description on instrument characteristics is available in the previous annual reports (For example, Reference 16).

Site data of the stations have been published separately (25 through 29). Table 2 includes the number of Technical Note of PHRI in which the site data of each station are presented.

4. Digitization and Analyses

The digitized records without instrument correction are provided on the accelerograms of ground motions with a peak acceleration exceeding 50 Gals in the same manner as in the annual report series.

The procedure to digitize the accelerograms, to correct and integrate the records, and to calculate the response spectra are mostly identical with those described in the preceding annual report (17.) The correction for start up of recording paper drive of the SMAC-B2 accelerograph is same as was described in the preceding special report (21).

The descriptions in details on the digitization and the corrections are available in separate reports (30) and (31) as well as in the preceding annual reports

The loci of acceleration and displacement in horizontal plane are newly included in this report. The records used for calculation are acceleration without instrument correction and displacement processed by the variable filter.

Table 2 Strong-Motion Earthquake Stations of PHRI, Recording the Main Shock and Major After Shock.

No. of port*	Name of port	Name of station	Type of accelerograph	Installation condition	Ref. No. **
1.	Otaru Port	Otaru-S	SMAC-B2	on ground	107
2.	Muroran Port	Muroran-S	SMAC-B	on ground	34, 107
3.	Hakodate Port	Hadokate-M	ERS-C	on ground	298
4.	Aomori Port	Aomori-S	SMAC-B2	on ground	107, 156, 298
5.	Akita Port	Akita-S	SMAC-B2	on ground	34, 351
6.	Sakata Port	Sakata-S	SMAC-B2	on ground	34
7.	Hachinohe Port	Hachinohe-S	SMAC-B2	on ground	34, 107
8.	Miyako Port	Miyako-S	SMAC-B2	on ground	34, 107
9.	Ofunato Port	Ofunato-bochi-S	SMAC-B2	on ground	107
		Ofunato-bo-S	SMAC-B2	on structure	34
		Ofunato-mound-M	ERS-C	on structure	

* The numbers correspond to those in Fig. 2.

** The numbers correspond to those of the Technical Note of the Port and Harbour Research Institute in which the site condition of the station is given.

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Observation Results

and

Preliminary Analyses

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	12:00 May 26, 1983	Intensities V. Akita, Mutsu, Fukaura IV. Morioka, Aomori, Hachinohe, Sakata III. Muroran, Miyako, Sendai, Ofunato, Yamagata, Hakodate, Obihiro, Takada II. Sapporo, Onahama, Maebashi, Urakawa, Otaru, Tomakomai I. Kanazawa, Kushiro, Nagano, Mito
Location of Hypocenter		
Epicentral Region	W off N Tohoku	
Latitude	40.35°N	
Longitude	139.08°E	
Depth	14 Km	
Class		
Magnitude	7.7	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epicentral Distance (km)		NS	EW	UD
Otaru-S	on ground	354	S-1572	6	6	5
Muroran-S	on ground	270	S-1571	26	21	11
Hakodate-M	on ground	211	M- 630	59	59	44
Aomori-S	on ground	156	S-1573	95	116	--
Hachinohe-S	on ground	204	S-1575	20	22	14
Miyako-S	on ground	259	S-1570	8	8	3
Ofunato-bo-S	on structure	272	S-1583	25	31	5
Ofunato-bochi-S	on ground	272	S-1584	6	6	4
Ofunato-mound-M	on structure	272	M- 637	12	16	10
Akita-S	on ground	107	S-1567	190	205	41
Sakata-S	on ground	173	S-1568	36	45	15

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	21:49 June 9, 1983	Intensities IV. Akita III. Fukaura, Sakata, Morioka II. Aomori, Yamagata I. Fukushima, Esashi, Niigata, Mori, Hakodate, Kushiro, Hachinohe, Yokohama
Location of Hypocenter		
Epicentral Region	W off N Tohoku	
Latitude	40.23°N	
Longitude	138.90°E	
Depth	23 Km	
Class		
Magnitude	6.1	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epicentral Distance (km)		NS	EW	UD
Akita-S	on ground	113	S-1585	34	38	6
Sakata-S	on ground	168	S-1588	6	6	3
Hakodate-M	on ground	231	M- 638	6	7	3

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	22:04 June 9, 1983	Intensities
Location of Hypocenter		IV. Akita
Epicentral Region	W off N Tohoku	III. Sakata, Fukaura
Latitude	40.18°N	II. Aomori, Morioka
Longitude	138.85°E	I. Fukushima, Mori, Esashi, Yamagata,
Depth	14 Km	Hachinohe, Niigata
Class		
Magnitude	6.0	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epicentral Distance(km)		NS	EW	UD
Akita-S	on ground	115	S-1586	34	24	4
Sakata-S	on ground	166	S-1589	6	6	2

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	15:25 June 21, 1983	Intensities
Location of Hypocenter		IV. Aomori, Fukaura, Esashi, Mori
Epicentral Region	W off N Tohoku	III. Hachinohe, Mutsu, Muroran, Akita,
Latitude	41.27°N	Morioka, Hakodate
Longitude	139.00°E	II. Urakawa, Onahama, Sakata, Miyako,
Depth	6 Km	Tomakomai, Otaru
Class		I. Sapporo, Niigata, Sendai, Shinjyo,
Magnitude	7.1	Shirakawa, Takada

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epicentral Distance(km)		NS	EW	UD
Otaru-S	on ground	271	S-1596	4	3	1
Muroran-S	on ground	201	S-1599	---	55	26
Hakodate-M	on ground	155	M- 639	39	52	23
Aomori-S	on ground	160	S-1592	50	62	16
Akita-S	on ground	191	S-1595	15	18	9
Sakata-S	on ground	272	S-1594	6	5	3
Hachinohe-S	on ground	223	S-1593	6	13	5

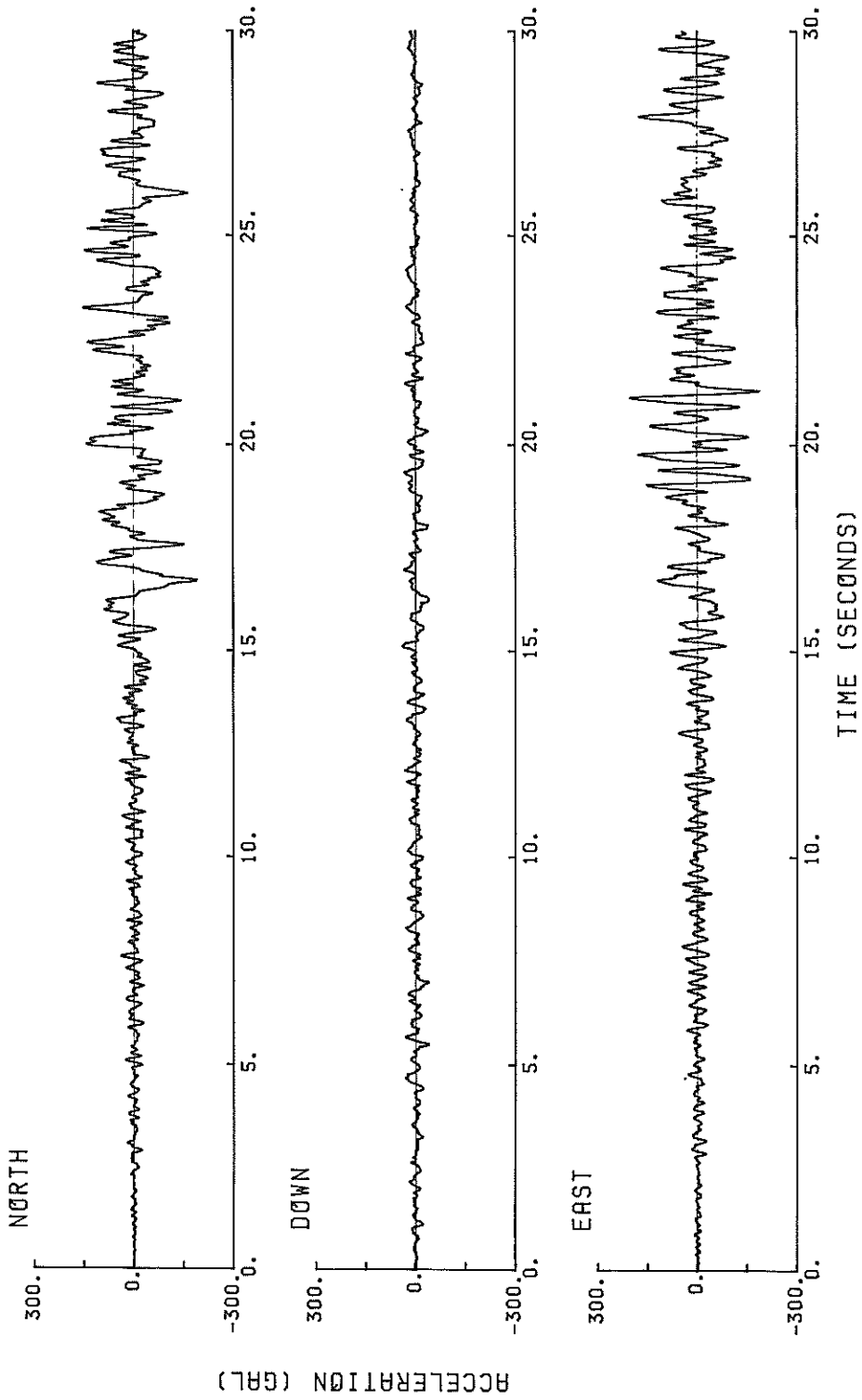
RECORD NUMBER S-1567
 STATION AKITA-S

EARTHQUAKE DATA

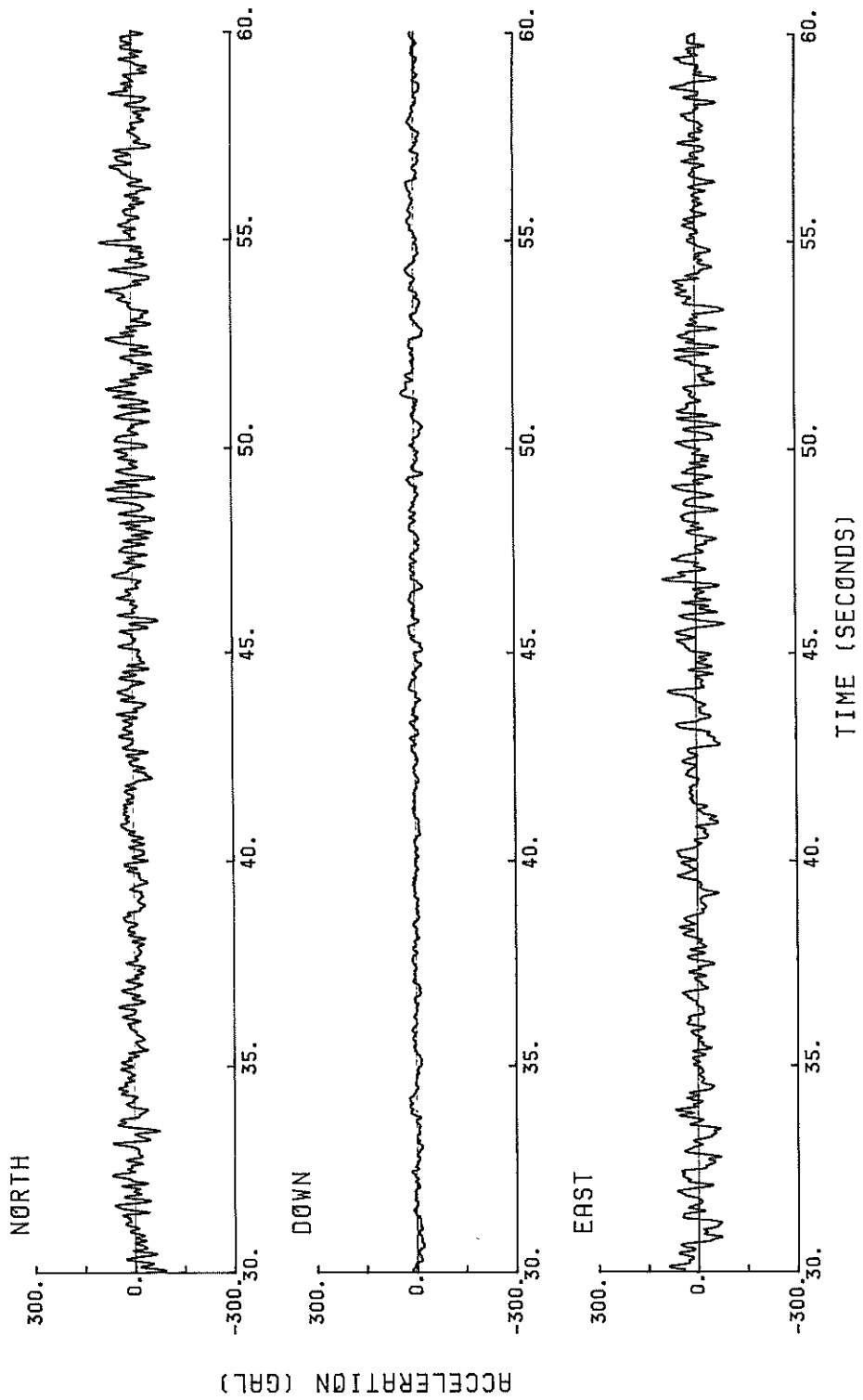
DATA AND TIME 12:00 MAY 28, 1983
 LOCATION OF HYPOCENTER
 EPICENTRAL REGION W OFF N TOHOKU
 LATITUDE 40.357°N
 LONGITUDE 139.077°E
 DEPTH 14 KM
 MAGNITUDE 7.7

PARAMETER OF THE VARIABLE FILTER	COMPONENT			SUM OF HORIZONTAL COMPONENT
	NORTH	EAST	DOWN	
FC (HZ)	0.072	0.066	0.096	
MAXIMUM ACCELERATION (GAL)				
ORIGINAL	190.1	205.4	40.9	222.4
CORRECTED	219.1	235.3	54.4	247.9
MAXIMUM VELOCITY (CM/SEC)				
FIXED FILTER	27.94	24.48	8.68	30.70
VARIABLE FILTER	28.63	31.69	8.74	40.62
MAXIMUM DISPLACEMENT (CM)				
FIXED FILTER	11.549	10.717	4.361	15.657
VARIABLE FILTER	15.990	17.183	5.171	22.892

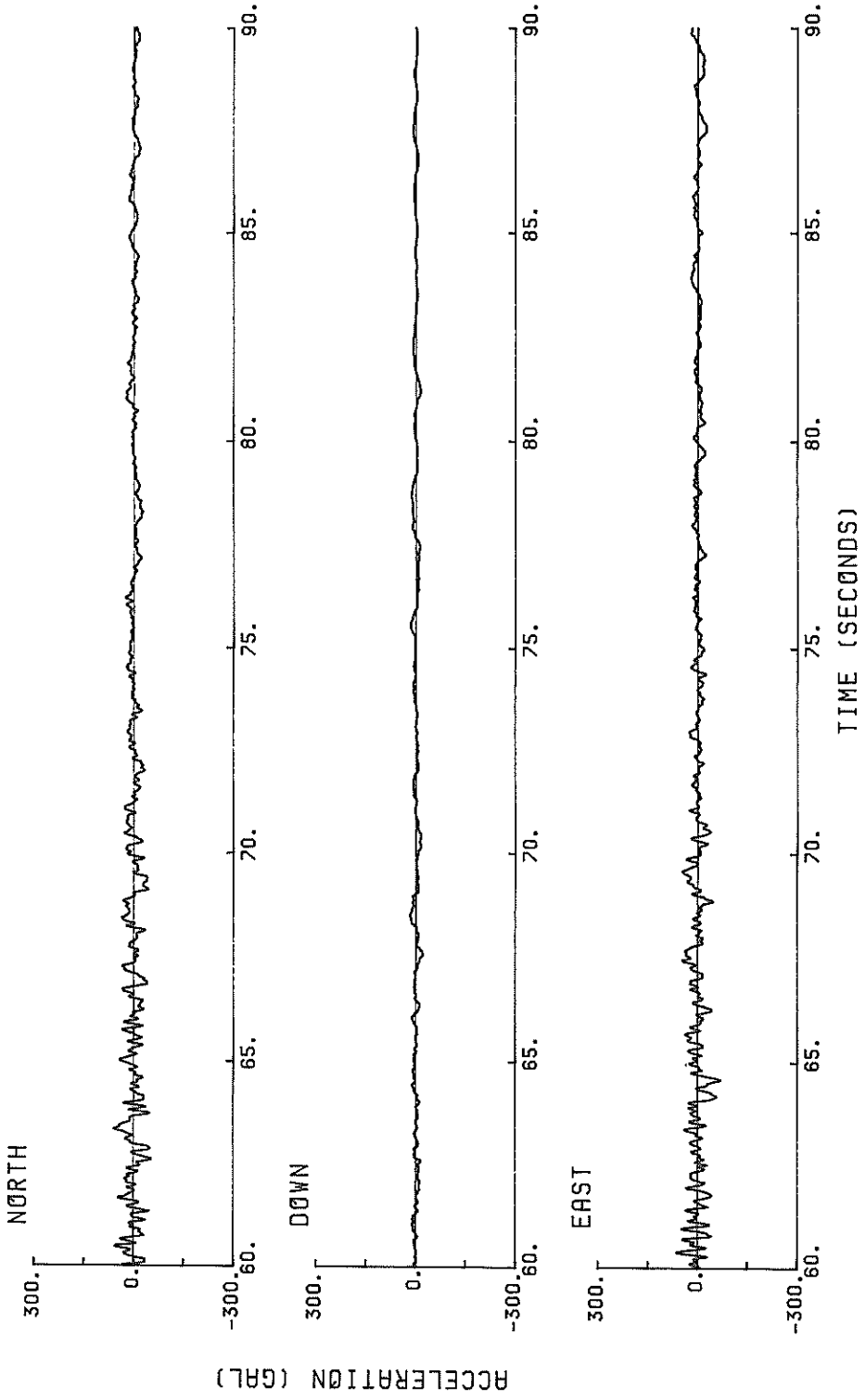
S-1567 AKITA-S



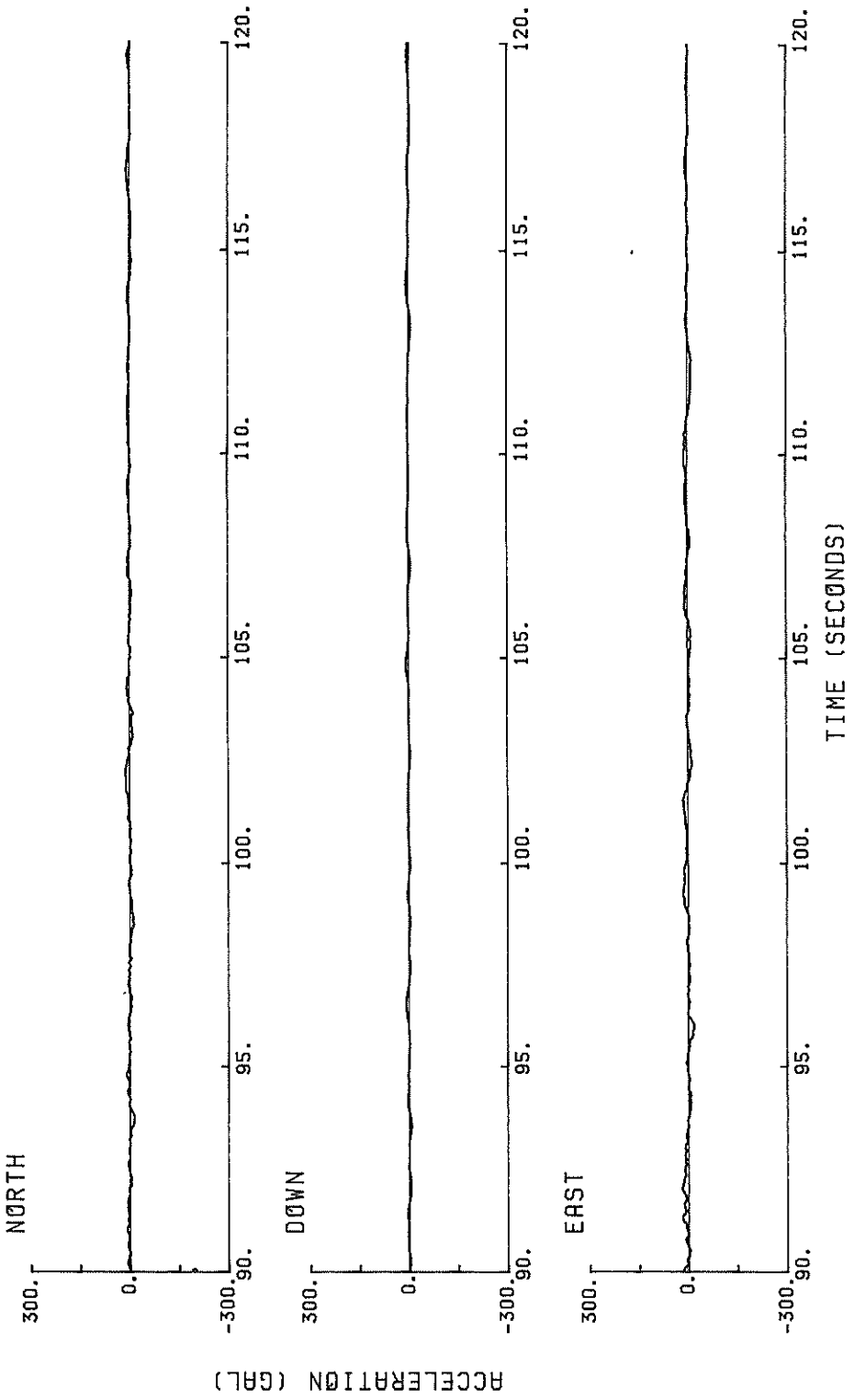
S-1567 AKITA-S



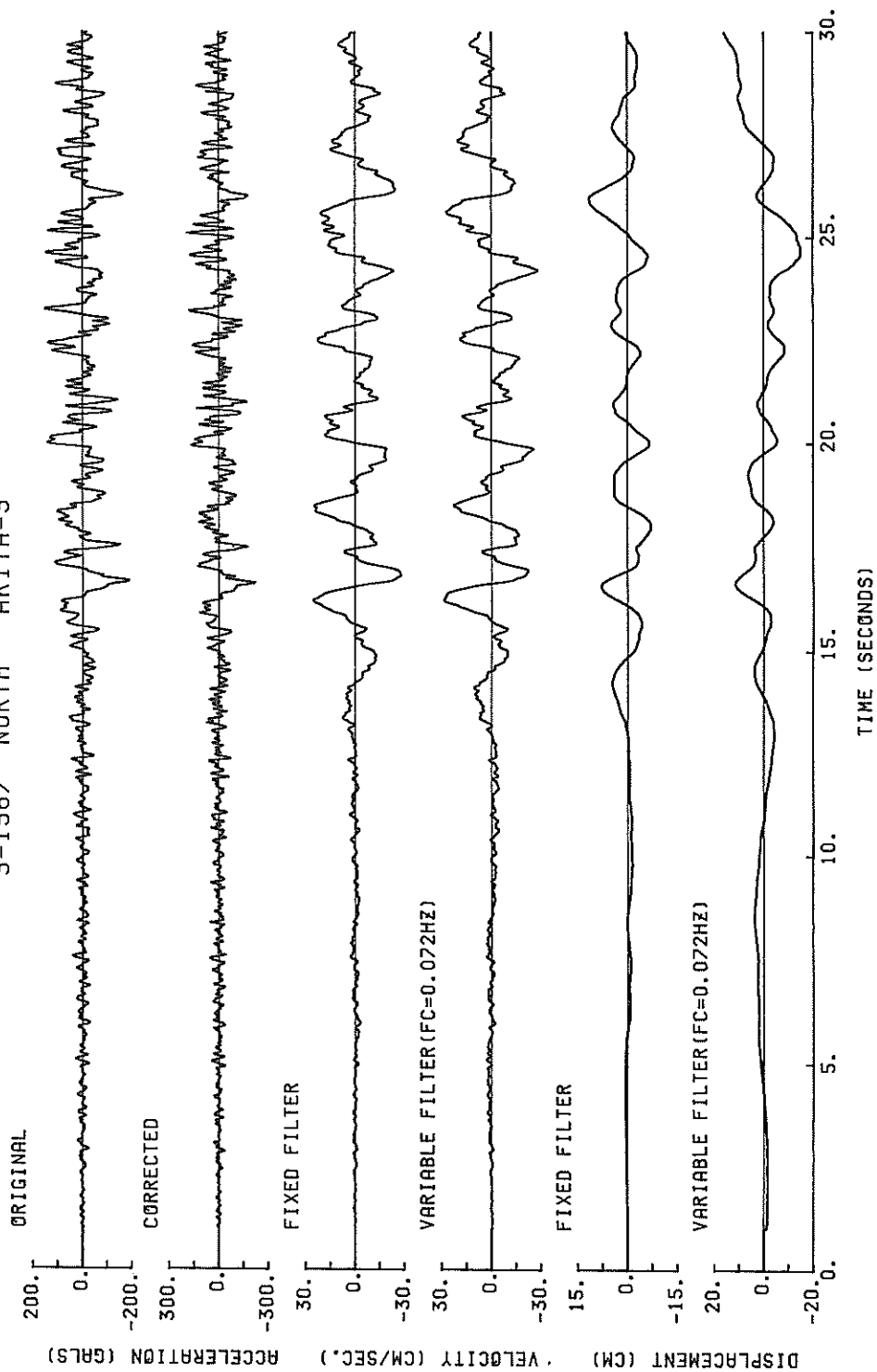
S-1567 AKITA-S



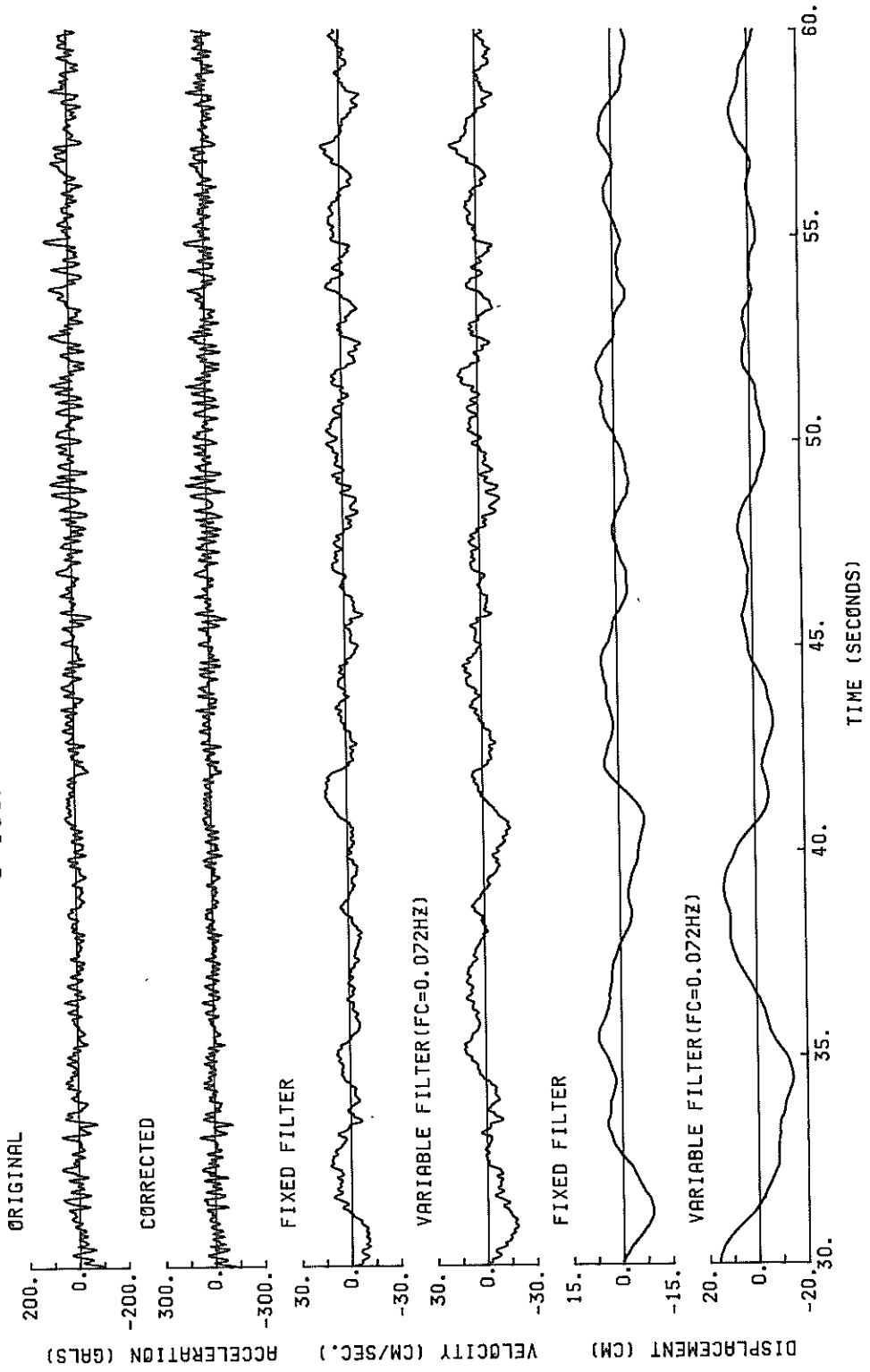
S-1567 AKITA-S



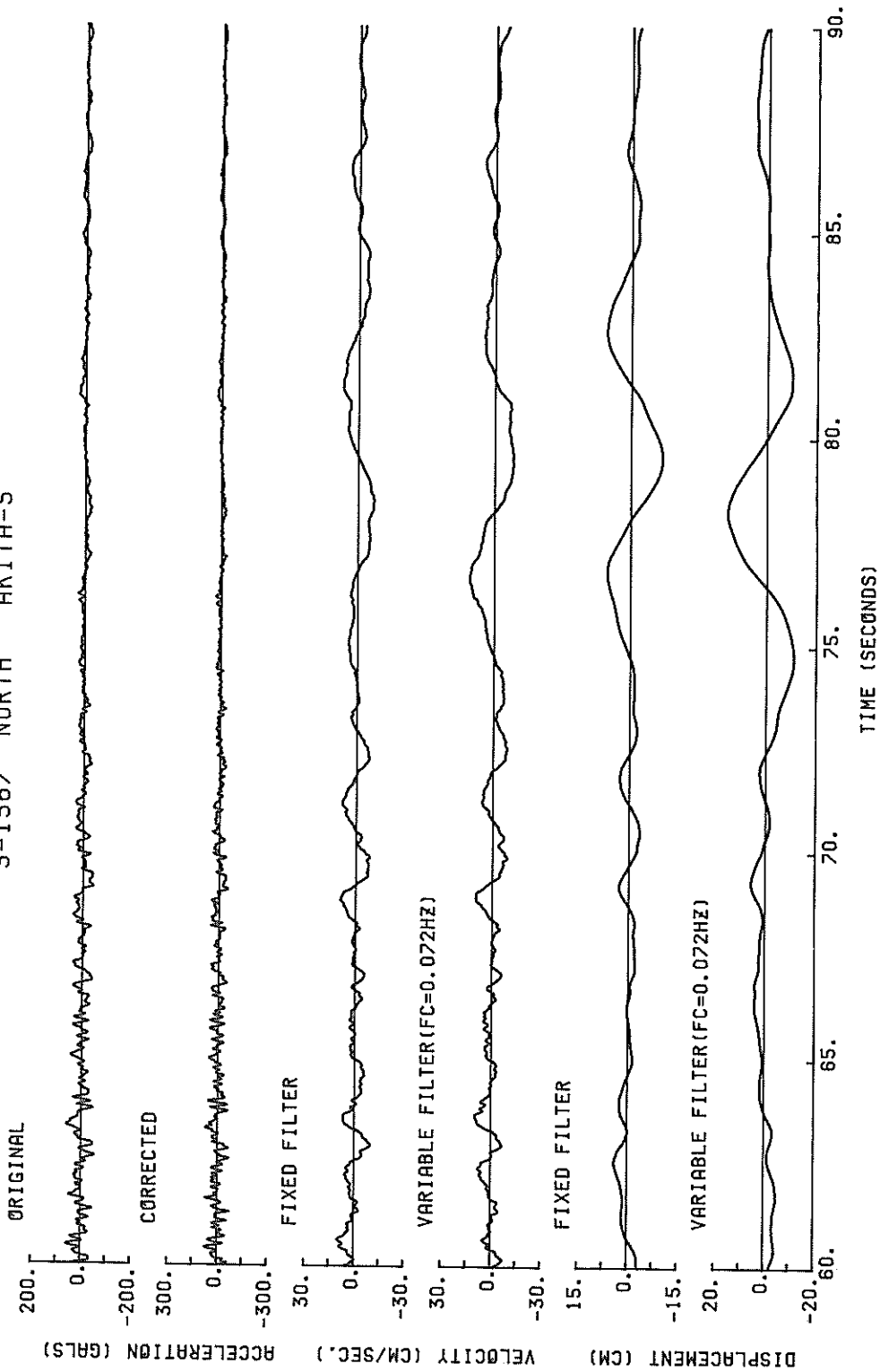
S-1567 NORTH AKITA-S



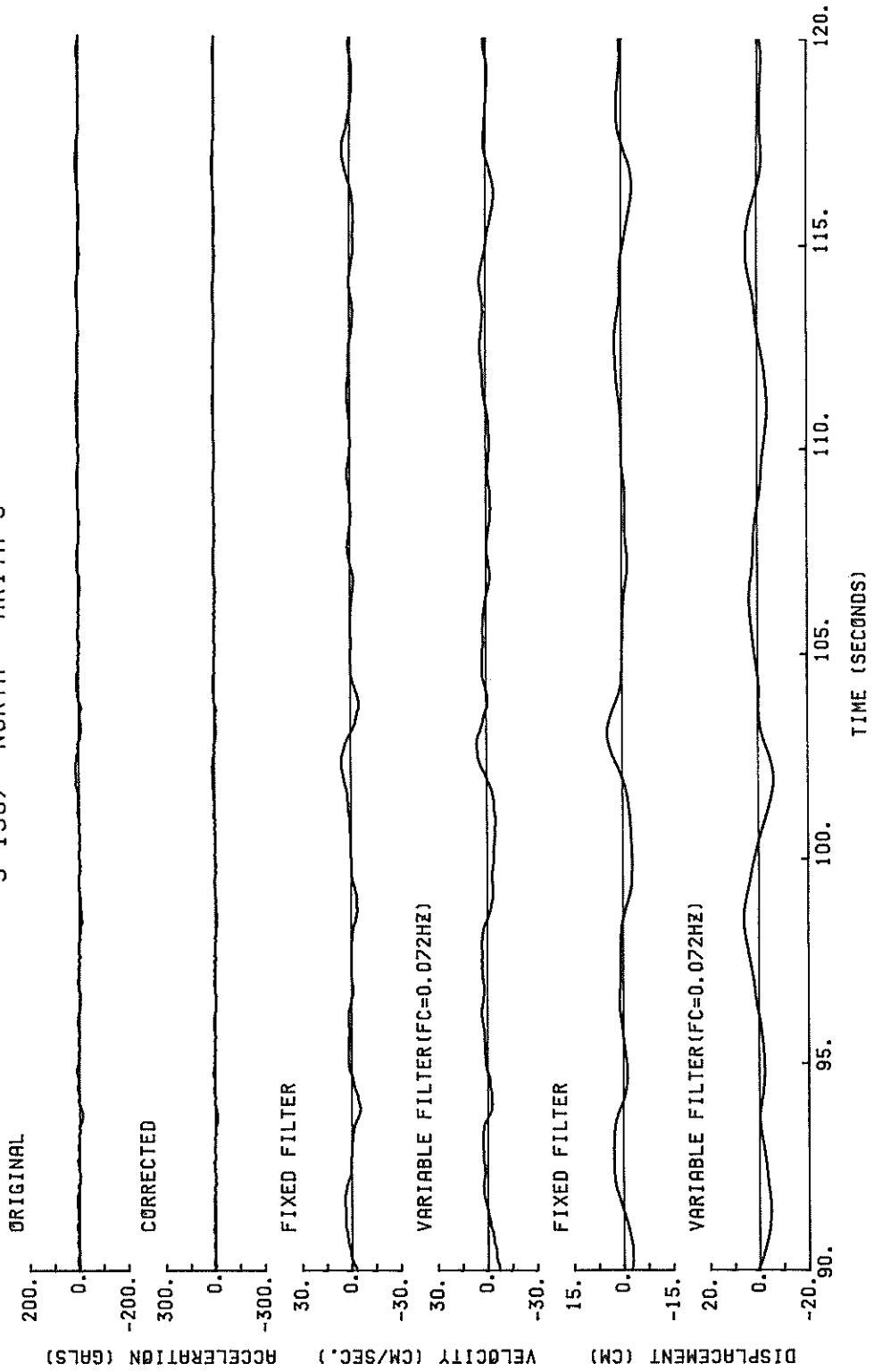
S-1567 NORTH AKITA-S



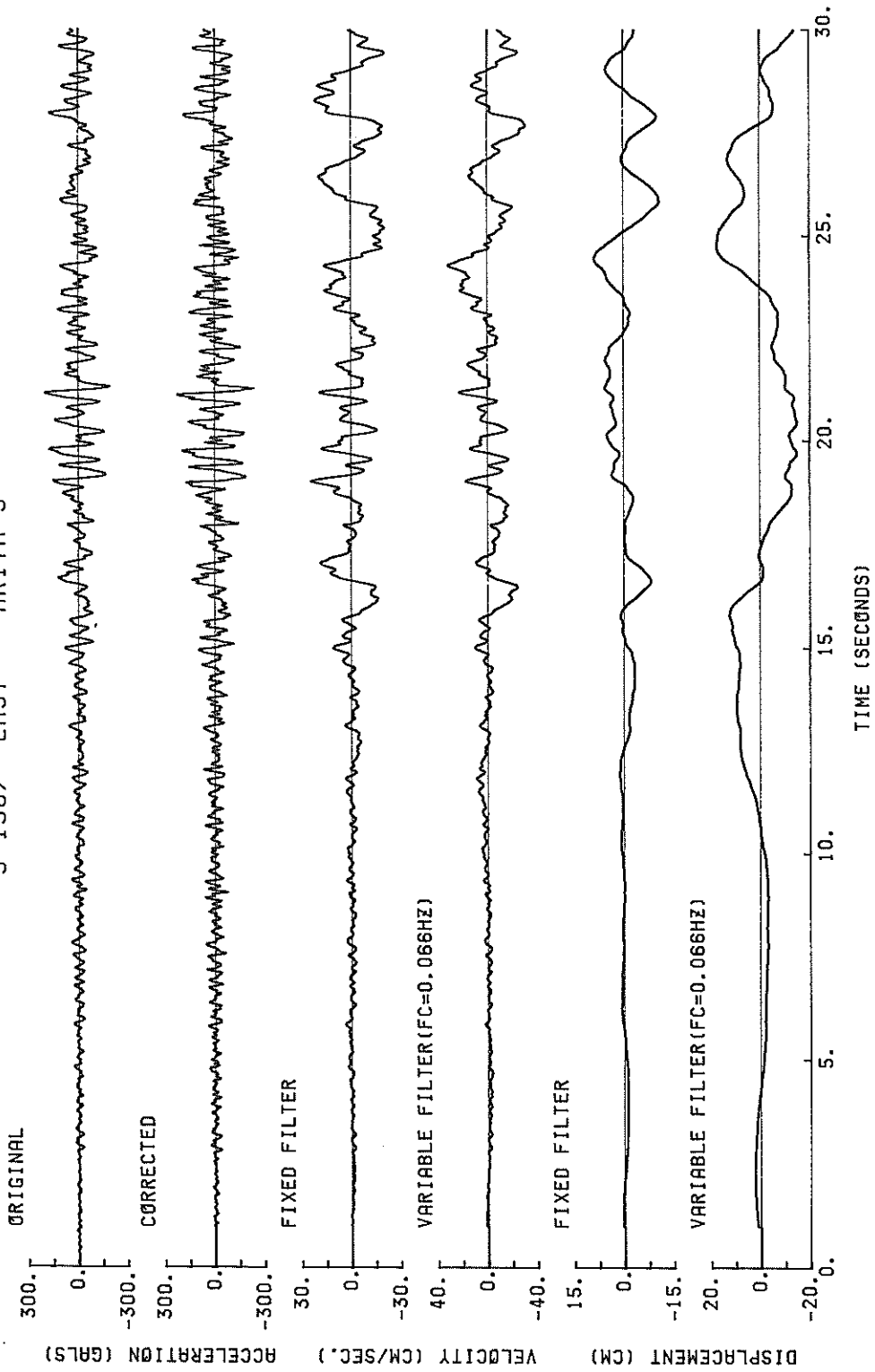
S-1567 NORTH AKITA-S



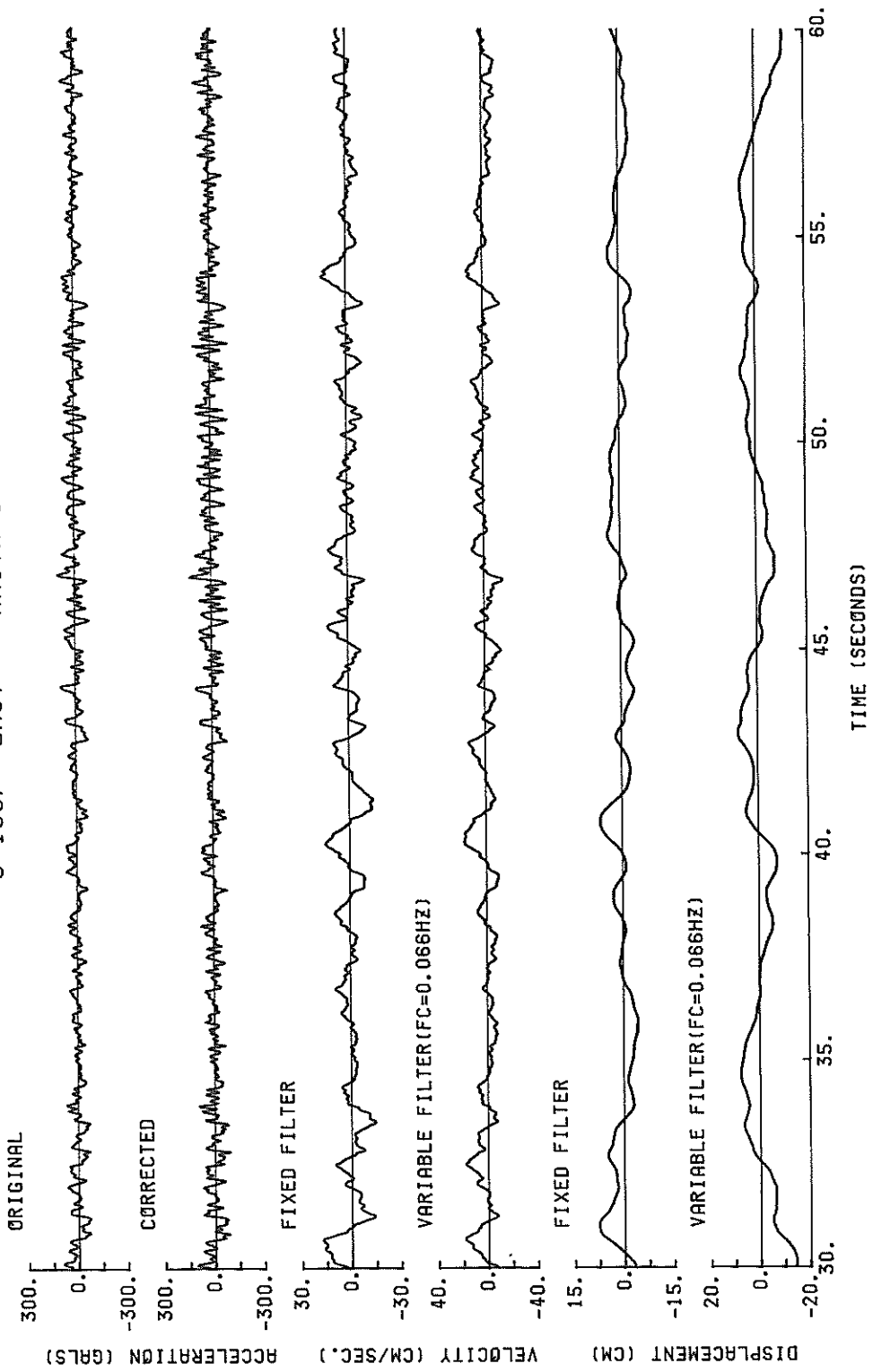
S-1567 NORTH AKITA-S



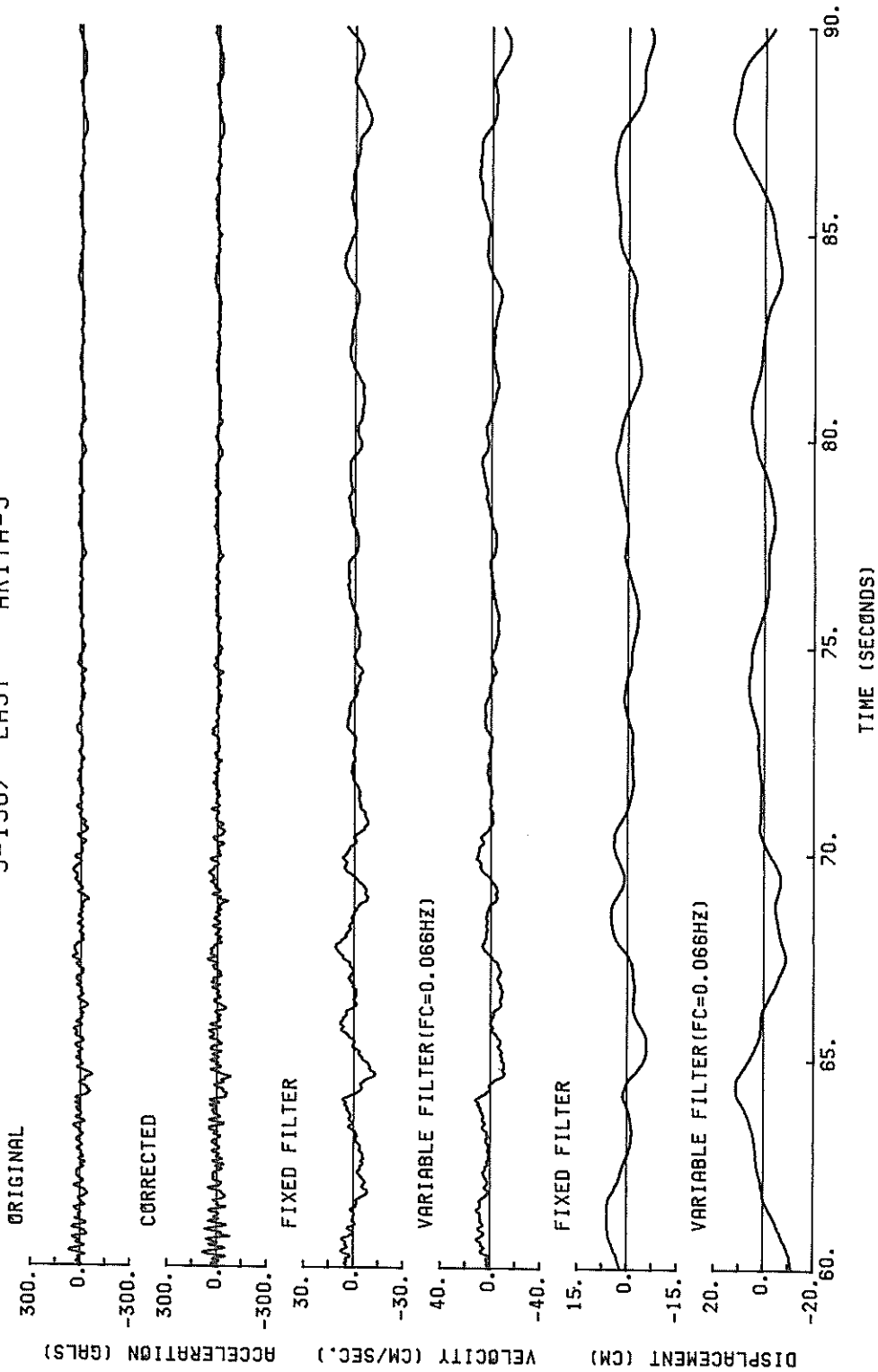
S-1567 EAST AKITA-S



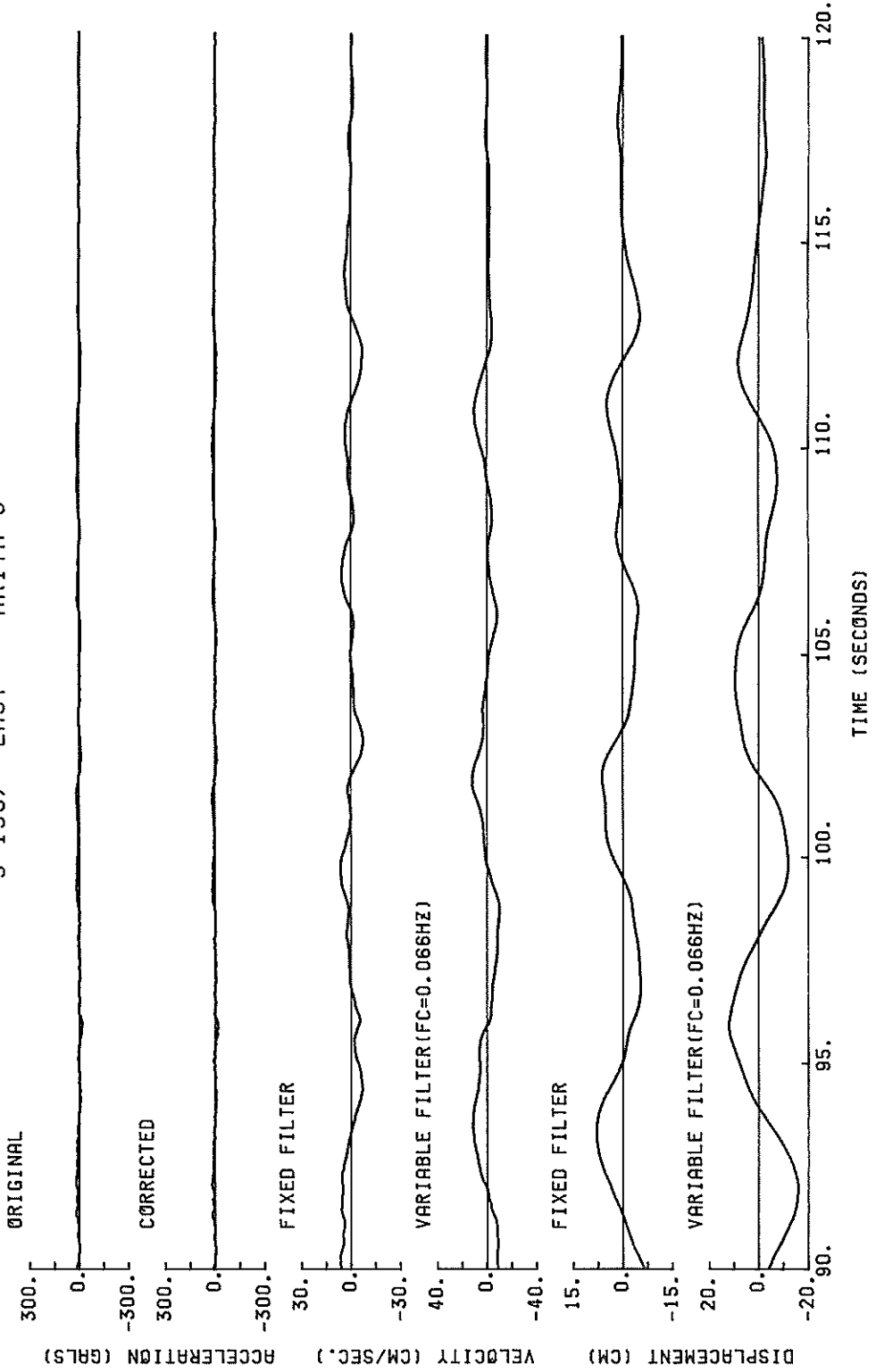
S-1567 EAST AKITA-S



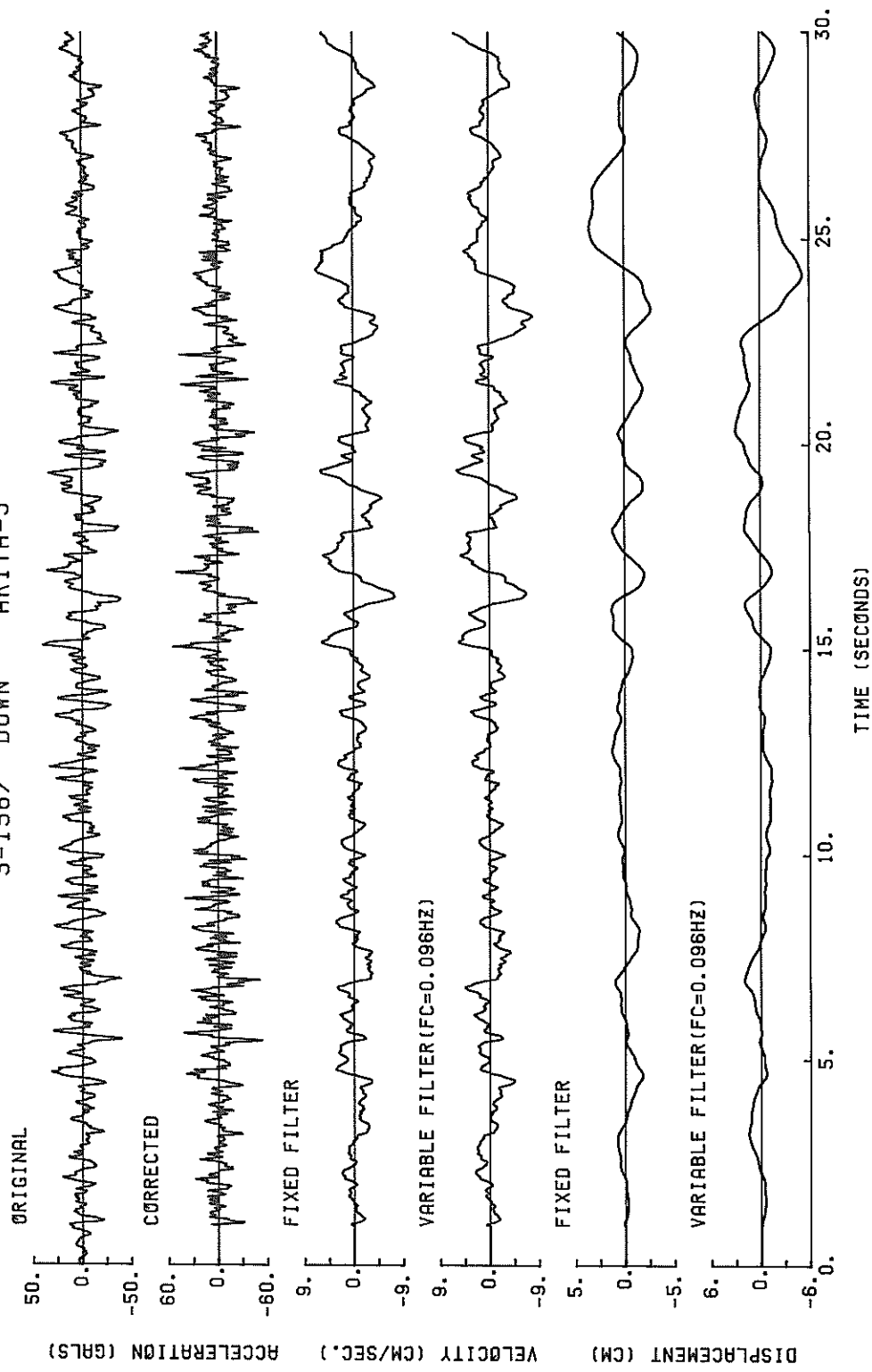
S-1567 EAST AKITA-S



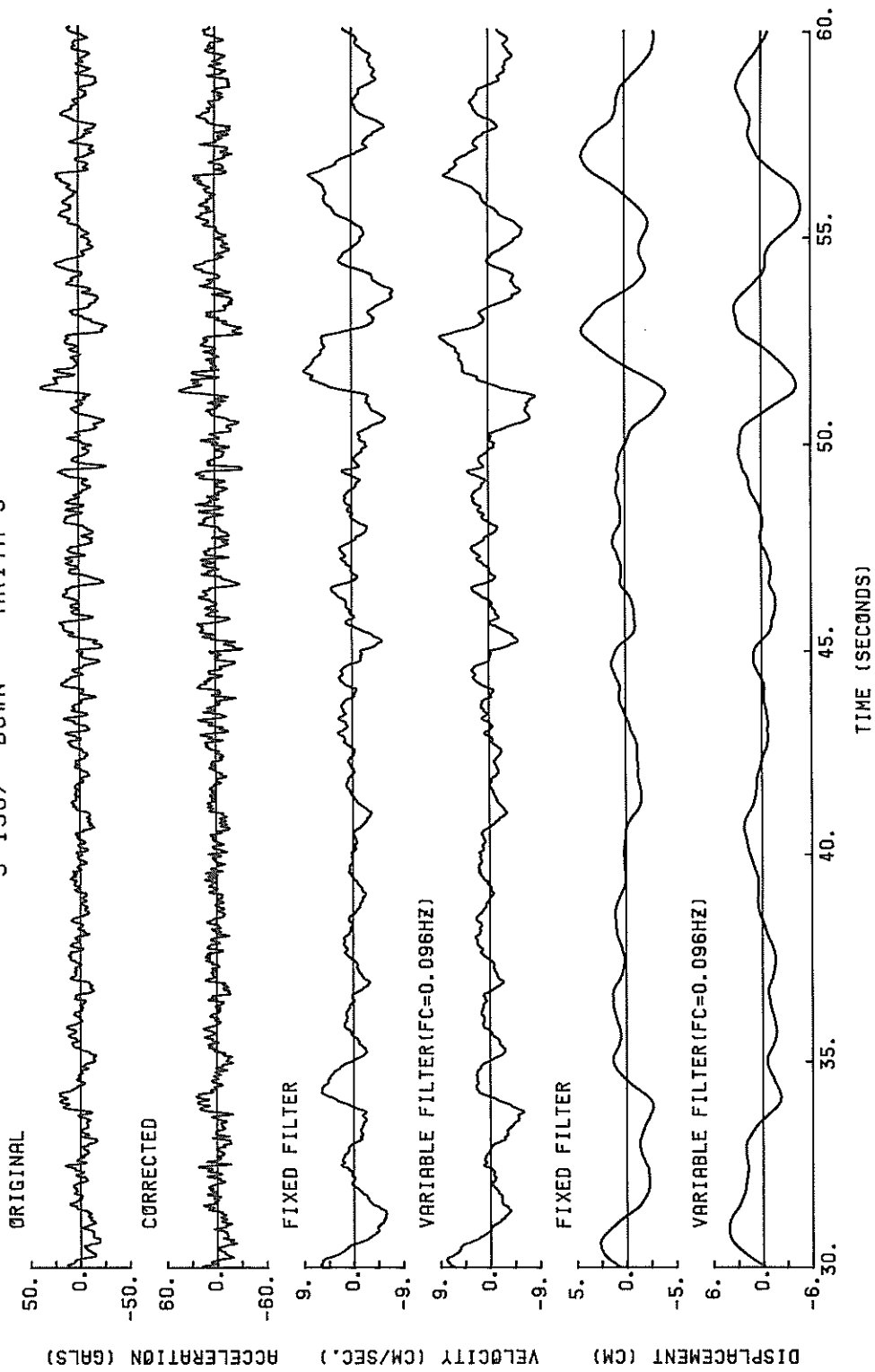
S-1567 EAST AKITA-S



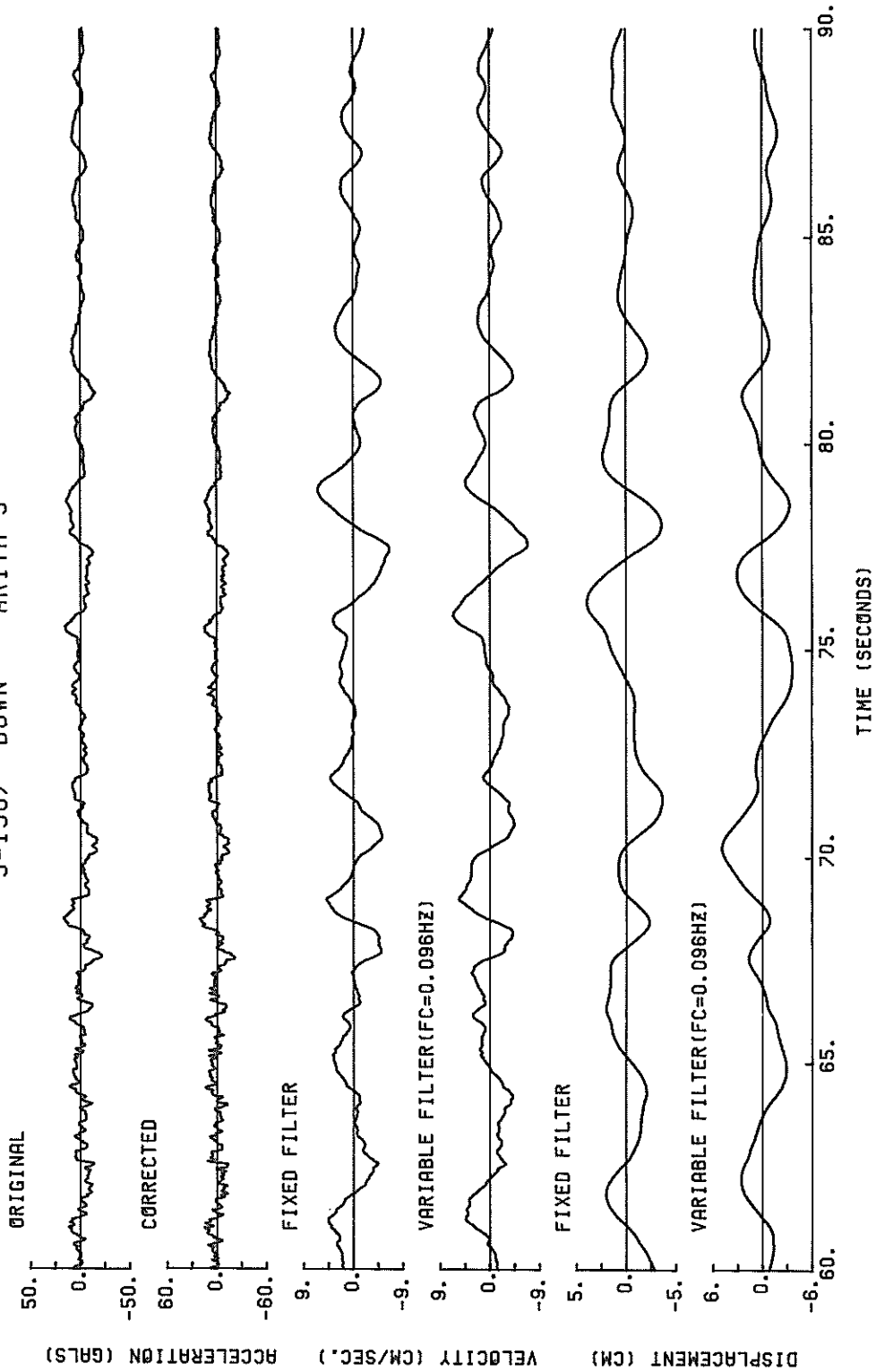
S-1567 DOWN AKITA-S



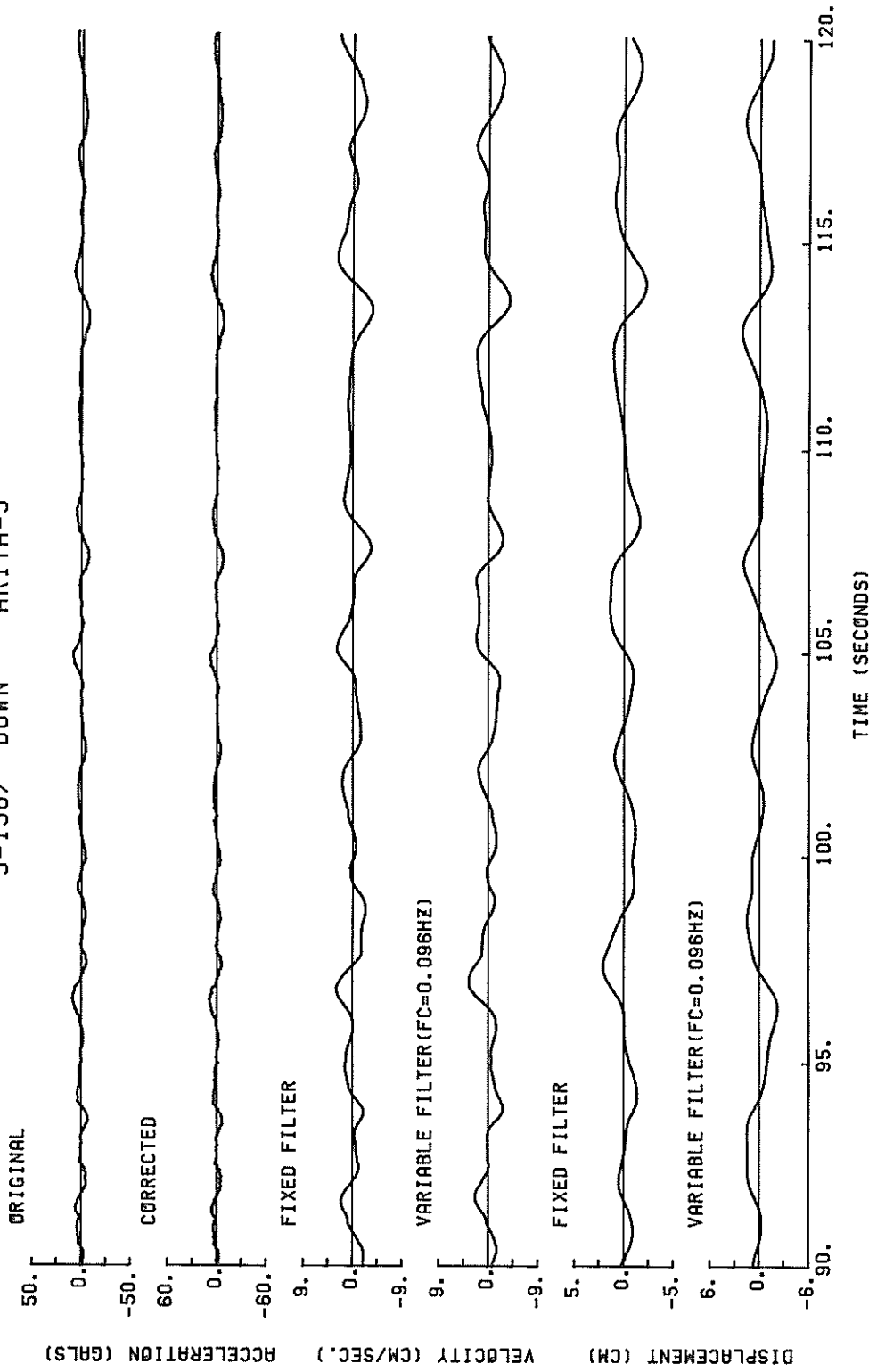
S-1567 DOWN AKITA-S



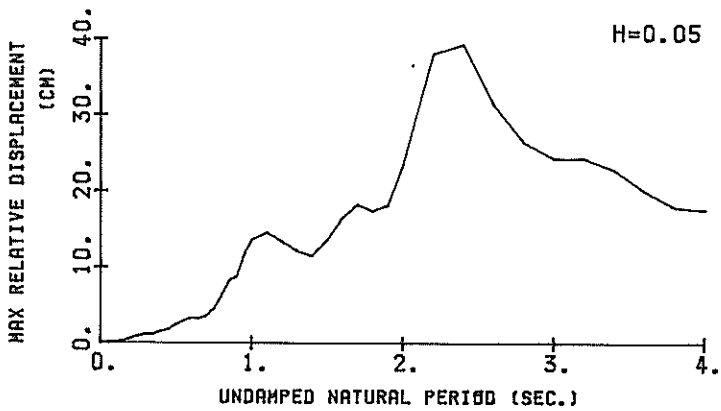
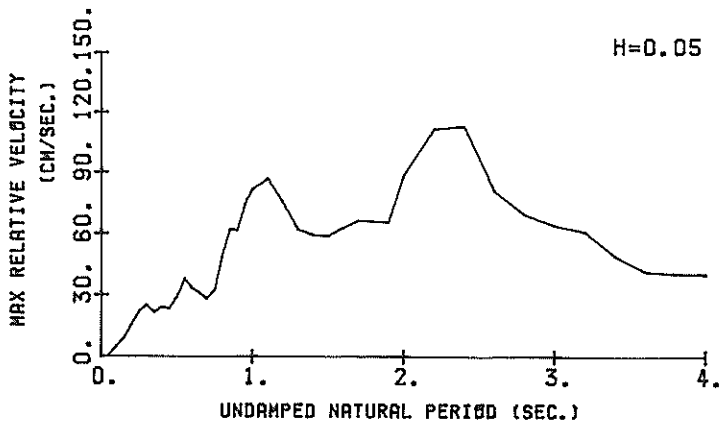
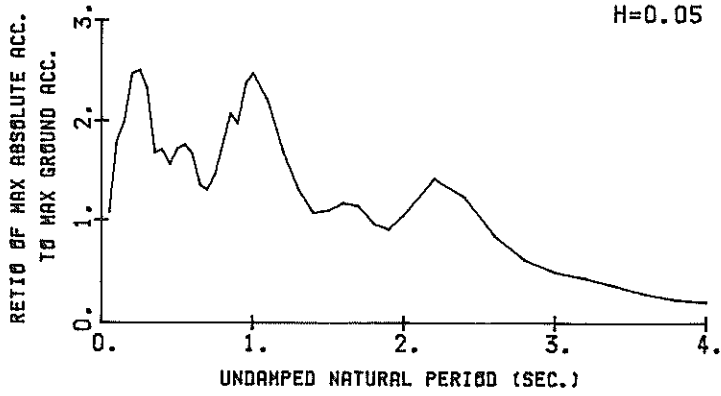
S-1567 DOWN AKITA-S



S-1567 DOWN AKITA-S

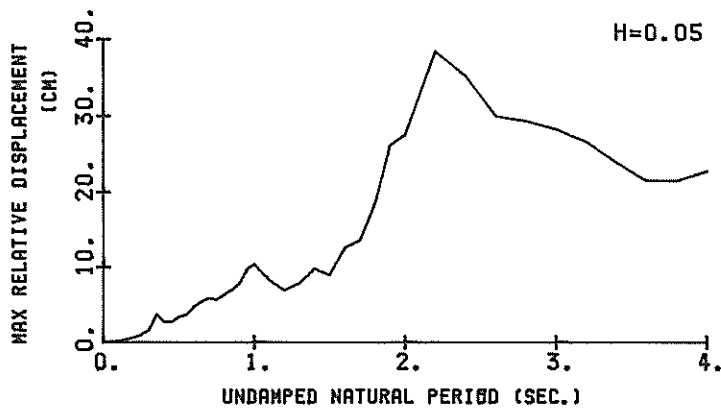
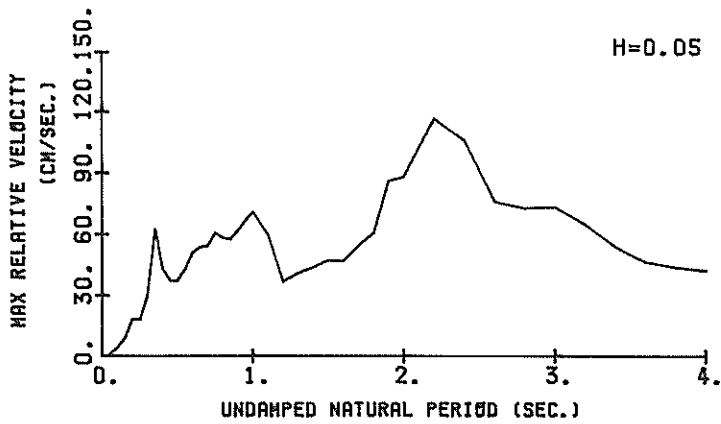
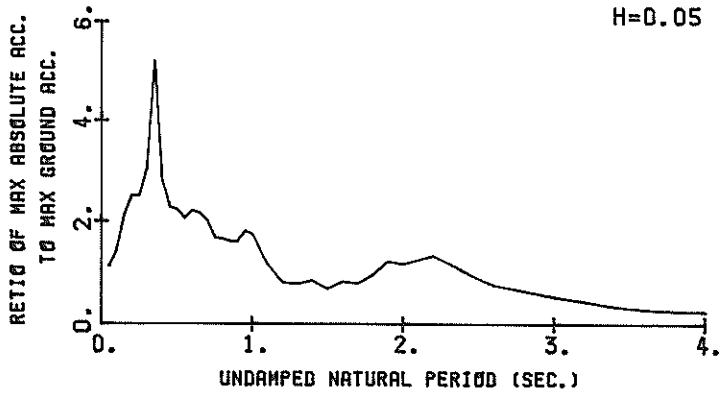


S-1567 NORTH AKITA-S
(1/FC=13.91SEC.)



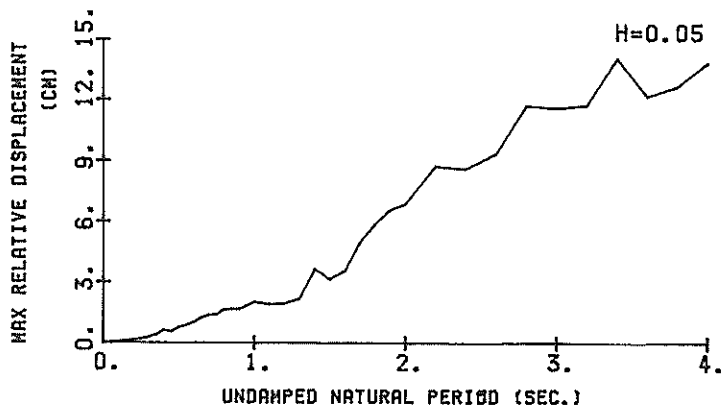
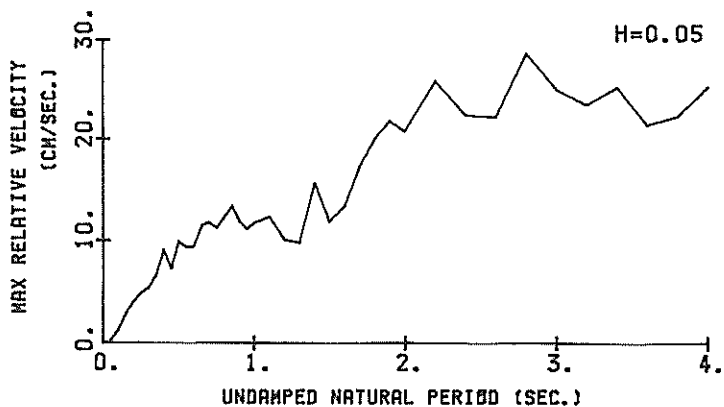
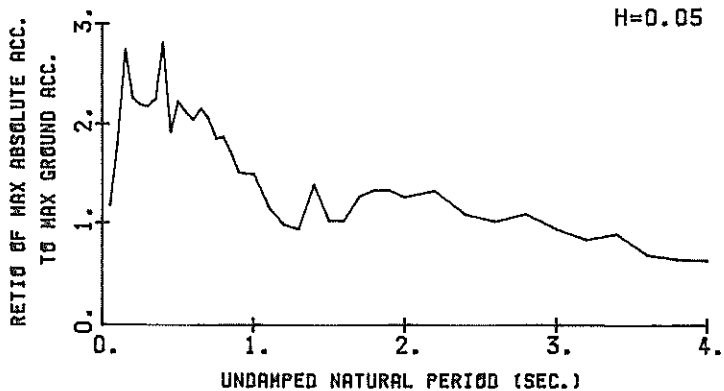
RESPONSE SPECTRA

S-1567 EAST AKITA-S
(1/FC=15.13SEC.)



RESPONSE SPECTRA

S-1567 DOWN AKITA-S
(1/FC=10.37SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = S-1567 COMPONENT = NORTH SIGNAL = GR. ACC. CORRECTION = STATION = AKITA-S
 DATE AND TIME = 1983-05-26-12-00 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 219.12 (GAL)
 TIME LENGTH = 119.99 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	385.1	2.07	0.024	239.7	0.57	0.015	238.3	0.53	0.015	235.7	0.47	0.015	232.0	0.38	0.015					
0.10	2125.8	32.35	0.538	526.2	6.36	0.133	392.0	4.69	0.098	289.6	3.20	0.073	250.2	1.97	0.062					
0.15	475.7	56.50	1.421	535.9	11.95	0.305	439.2	8.97	0.249	368.1	6.06	0.196	281.8	4.02	0.152					
0.20	3002.0	95.78	3.042	641.1	19.52	0.650	542.1	15.47	0.543	413.0	12.02	0.415	285.4	7.51	0.271					
0.25	2324.8	91.98	3.681	720.5	30.33	1.138	549.1	22.34	0.862	428.4	16.04	0.665	279.9	9.20	0.414					
0.30	1950.2	92.33	4.446	630.4	31.21	1.439	509.1	25.21	1.150	395.4	18.62	0.887	268.8	10.46	0.560					
0.35	1185.7	65.62	3.679	484.0	26.76	1.498	368.7	21.62	1.450	328.3	17.73	0.983	255.7	10.73	0.665					
0.40	1307.8	79.51	5.300	534.9	36.49	2.159	376.5	24.45	1.520	268.0	17.68	1.068	227.3	10.74	0.838					
0.45	2121.2	131.77	10.881	464.1	30.94	2.379	343.7	23.31	1.748	290.6	17.65	1.455	222.0	11.64	1.025					
0.50	877.5	69.21	5.557	422.3	31.20	2.676	376.7	29.02	2.372	285.8	23.59	1.760	212.4	13.59	1.224					
0.55	1208.6	105.16	9.261	521.2	50.22	3.983	386.6	38.05	2.948	283.1	26.14	2.120	204.7	13.95	1.474					
0.60	1068.9	102.18	9.748	487.0	43.82	4.439	365.7	33.70	3.317	237.3	24.78	2.293	208.3	14.12	1.767					
0.65	590.5	59.55	6.320	389.0	40.01	4.157	298.6	31.13	3.186	240.0	23.75	2.516	206.6	16.24	2.081					
0.70	579.6	64.47	7.194	340.9	36.81	4.225	287.1	28.30	3.545	232.4	23.54	3.067	210.3	18.69	2.424					
0.75	774.3	87.77	11.033	426.7	44.77	6.072	322.3	32.76	4.576	270.9	27.69	3.781	213.8	21.55	2.817					
0.80	1374.9	173.14	22.288	468.7	61.26	7.590	384.9	49.27	6.203	299.3	36.86	4.740	218.9	24.73	3.263					
0.85	819.9	111.32	15.004	578.9	81.20	10.574	455.0	63.35	8.281	321.8	43.38	5.746	224.3	27.82	3.753					
0.90	1713.0	244.95	35.146	540.4	81.35	11.077	452.5	61.87	8.828	322.4	47.50	6.508	228.2	30.12	4.267					
0.95	921.0	143.54	21.054	680.9	102.11	15.551	519.7	74.74	11.851	345.0	53.76	7.718	230.2	32.55	4.792					
1.00	1232.0	193.37	31.206	761.1	114.95	19.256	543.2	81.87	13.689	355.5	58.78	8.875	229.3	33.74	5.303					
1.10	1117.3	195.05	34.244	653.8	109.65	20.014	481.0	87.06	14.659	333.1	60.27	10.032	222.7	36.34	6.217					
1.20	511.4	117.98	22.300	451.7	91.36	16.451	370.7	75.25	13.444	286.6	56.38	10.171	214.0	37.86	6.994					
1.30	473.7	109.95	20.562	314.3	74.65	13.428	288.6	62.33	11.456	243.8	54.73	10.204	201.9	38.04	7.690					
1.40	541.3	121.77	26.875	291.6	67.09	14.462	235.6	59.76	11.629	220.8	51.70	10.729	189.7	37.68	8.334					
1.50	424.5	97.31	24.196	290.2	71.33	16.523	240.7	59.06	13.651	205.4	54.60	11.433	179.0	36.63	9.013					
1.60	1046.1	265.24	67.834	345.6	85.10	22.382	257.3	63.02	16.596	198.1	58.66	16.282	169.7	37.86	9.662					
1.70	385.3	103.04	28.204	308.9	81.37	22.591	251.1	66.36	18.428	190.9	55.17	13.584	161.8	39.67	10.276					
1.80	389.0	111.06	31.928	257.0	78.18	21.065	213.5	66.36	17.428	185.0	54.90	14.712	154.4	41.44	10.817					
1.90	414.5	124.26	38.089	223.5	68.79	20.405	200.5	65.74	13.188	179.8	56.20	15.895	146.7	43.13	11.251					
2.00	394.5	133.16	39.969	285.3	106.78	28.869	231.6	88.39	23.344	171.9	64.94	16.833	138.5	44.52	11.549					
2.20	785.4	274.66	96.287	432.8	157.57	52.997	311.6	111.67	38.006	197.9	70.77	23.745	120.4	46.25	12.358					
2.40	732.2	278.34	106.837	361.2	147.61	52.622	271.0	113.17	39.264	180.7	77.08	25.780	107.3	47.31	13.091					
2.60	258.5	118.37	44.268	216.8	97.18	37.049	185.4	30.88	31.456	143.3	62.77	23.625	91.0	47.07	13.066					
2.80	294.3	139.37	58.454	154.3	80.21	30.570	134.5	69.53	26.443	109.9	56.91	20.826	78.5	45.54	12.649					
3.00	176.7	92.75	40.283	132.1	74.22	30.049	107.7	64.28	24.336	83.0	54.39	18.494	68.1	43.50	13.149					
3.20	258.4	111.38	67.023	108.9	67.69	28.200	94.5	61.20	24.306	78.3	52.53	19.658	63.0	41.36	13.717					
3.40	113.9	63.66	33.366	85.0	50.13	24.809	78.5	49.29	22.273	69.0	46.49	19.501	58.5	38.89	14.052					
3.60	133.3	74.66	44.409	63.3	42.66	20.702	62.0	41.69	20.044	58.2	40.65	18.469	53.7	36.34	14.185					
3.80	51.5	42.59	20.296	51.2	41.62	18.682	50.2	40.77	18.027	50.0	38.67	17.517	49.1	34.28	14.233					
4.00	56.2	42.79	22.769	45.4	41.61	18.366	44.6	40.47	17.713	44.4	38.25	17.073	45.0	32.63	14.255					

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1567 COMPONENT = EAST SIGNAL = GR. ACC. CORRECTION = STATION = AKITA-S
 DATE AND TIME = 1983-05-26-12-00 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 235.33 (GAL)
 TIME LENGTH = 119.99 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250					
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD			
0.05	285.3	0.81	0.018	271.9	0.61	0.017	264.6	0.53	0.017	257.3	0.51	0.016	246.8	0.48	0.015
0.10	1447.8	32.40	0.367	409.8	4.36	0.102	340.5	3.99	0.086	301.2	3.24	0.076	271.6	2.12	0.067
0.15	3418.2	92.41	1.948	597.0	12.96	0.340	502.3	9.04	0.285	337.0	6.15	0.219	292.0	4.45	0.156
0.20	5302.2	167.59	5.372	802.8	25.64	0.809	586.3	18.25	0.432	436.2	11.95	0.432	311.4	7.05	0.305
0.25	1837.0	63.74	2.903	688.2	21.79	1.092	588.9	18.34	0.833	484.9	14.75	0.760	352.7	9.30	0.530
0.30	1214.7	57.55	2.769	517.2	14.04	1.858	712.0	30.01	1.619	573.6	23.17	1.590	420.5	14.67	0.584
0.35	5449.5	301.71	15.909	1723.3	92.19	5.338	1221.5	65.62	3.762	774.9	38.06	2.362	439.1	19.65	1.825
0.40	1845.4	117.19	7.479	315.7	52.71	3.302	667.8	43.58	2.692	528.4	33.76	2.103	388.9	22.28	1.391
0.45	2159.2	154.96	11.075	733.6	49.20	3.750	538.4	37.70	2.752	430.2	30.83	2.167	331.6	23.42	1.495
0.50	1403.9	110.52	8.890	693.0	49.99	4.384	527.1	37.38	3.326	362.4	28.57	2.352	288.7	24.48	1.610
0.55	1232.1	105.72	9.441	596.5	53.19	4.566	485.1	42.95	3.700	383.2	35.29	2.879	263.1	25.65	1.742
0.60	1779.5	171.58	16.227	648.4	64.66	5.894	525.9	51.05	4.735	371.9	38.74	3.325	257.3	26.08	1.995
0.65	927.5	95.74	9.927	617.8	63.59	6.611	509.9	53.62	5.326	353.8	40.75	3.680	242.5	25.06	2.156
0.70	996.9	111.52	12.373	608.6	71.04	7.548	477.6	54.17	5.885	346.9	41.81	4.176	217.3	25.30	2.394
0.75	1404.2	165.80	20.007	530.3	71.10	7.458	399.0	60.83	5.642	317.9	46.27	4.433	212.8	26.16	2.670
0.80	631.1	84.43	10.231	472.4	70.09	7.651	393.7	58.56	5.339	308.8	43.87	4.895	203.9	27.72	2.899
0.85	1020.5	132.60	18.676	436.9	65.92	7.978	381.2	57.70	6.941	298.7	47.39	5.355	203.4	28.65	3.215
0.90	1603.1	229.05	32.892	440.0	72.58	9.017	379.4	62.18	7.751	309.1	48.81	6.191	197.3	28.26	3.441
0.95	1391.5	211.19	31.810	538.1	84.67	12.196	428.4	68.91	9.764	311.2	48.81	6.947	186.2	26.67	3.552
1.00	985.8	154.95	24.969	536.7	90.15	13.577	418.4	71.17	10.822	286.7	50.65	7.059	171.8	28.55	3.534
1.10	728.0	126.56	22.312	343.5	70.79	10.512	273.9	60.12	8.355	201.1	47.45	6.024	135.9	30.82	3.714
1.20	373.9	70.65	13.638	214.5	43.33	7.814	193.8	37.18	6.993	157.2	36.67	5.597	124.1	30.71	4.185
1.30	248.2	56.54	10.623	212.2	47.81	9.076	184.4	41.00	7.861	145.0	34.30	6.124	118.7	29.91	4.829
1.40	592.2	131.24	29.400	293.3	64.80	14.543	200.9	43.88	9.924	134.6	36.69	6.566	121.3	29.16	5.608
1.50	348.8	86.23	19.878	205.2	53.89	11.733	159.4	47.82	9.024	142.4	39.12	8.009	124.8	27.91	6.493
1.60	386.1	99.89	25.053	247.2	62.67	16.007	193.7	47.14	12.624	160.2	38.58	10.188	128.0	30.68	7.430
1.70	912.5	246.37	66.797	285.6	81.60	20.873	188.1	54.66	13.866	163.8	42.95	11.730	130.0	33.79	8.357
1.80	521.9	148.95	42.835	262.0	73.47	21.475	225.8	61.00	18.455	178.4	46.51	14.373	129.9	36.79	9.205
1.90	371.9	269.88	79.731	386.9	122.49	35.332	286.9	86.47	26.090	195.1	56.52	17.585	127.3	39.42	9.891
2.00	667.0	213.73	67.586	360.8	121.62	36.515	272.7	88.39	27.497	203.4	63.19	20.204	122.3	41.50	10.348
2.10	666.2	233.07	81.679	415.1	155.97	50.817	315.2	117.39	38.429	208.7	76.55	25.020	110.8	42.89	11.363
2.20	426.4	168.49	62.207	305.0	131.58	44.439	243.3	106.39	35.227	172.8	75.26	24.515	99.0	41.62	12.896
2.60	214.1	89.06	36.668	189.6	83.52	32.407	176.8	76.44	29.982	147.2	64.28	24.408	93.6	40.76	13.712
2.80	307.1	133.60	60.993	172.3	84.63	34.141	149.5	73.12	29.351	120.7	58.74	22.840	81.9	36.72	13.410
3.00	186.0	108.34	42.395	149.0	87.68	33.909	125.4	73.75	28.339	97.2	56.60	21.501	68.8	34.23	13.078
3.20	143.2	83.87	37.150	117.9	73.33	30.514	103.7	65.29	26.631	85.4	53.75	21.580	62.1	34.56	14.139
3.40	93.4	57.30	27.342	86.8	55.62	25.350	82.6	54.27	23.928	75.4	49.37	21.141	56.8	34.92	14.919
3.60	76.8	44.90	25.21	65.5	46.36	21.439	66.4	46.78	21.526	65.5	44.89	20.403	54.4	34.44	15.392
3.80	58.7	45.85	23.486	59.5	44.96	21.685	59.6	44.08	21.484	58.8	41.80	20.309	51.7	33.42	15.668
4.00	79.8	58.94	32.336	59.4	45.38	23.692	57.1	42.48	22.830	58.3	39.10	20.676	48.7	32.08	15.801

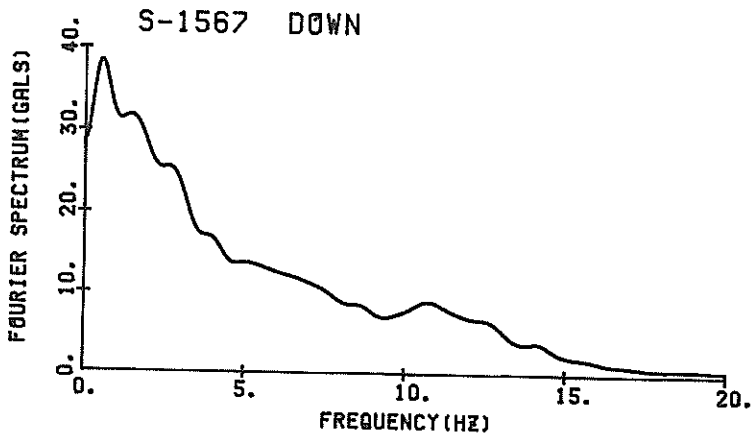
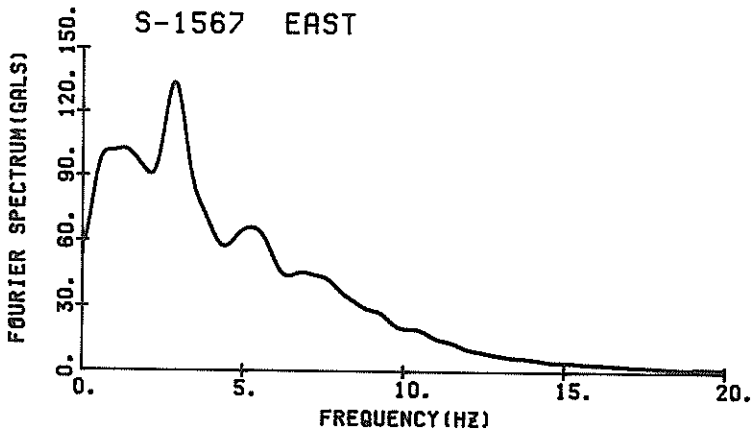
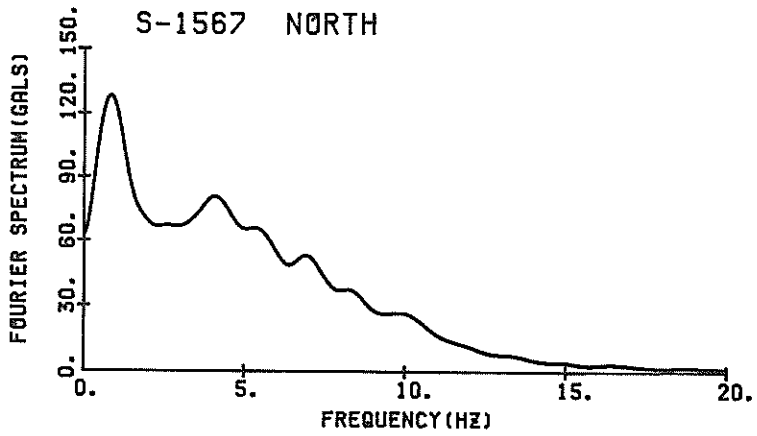
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1567 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = STATION = AKITA-S
 DATE AND TIME = 1983-05-26-12-00 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 54.40 (GAL)
 TIME LENGTH = 119.99 (SEC) SKIPPED LENGTH = 0.00 (SEC)

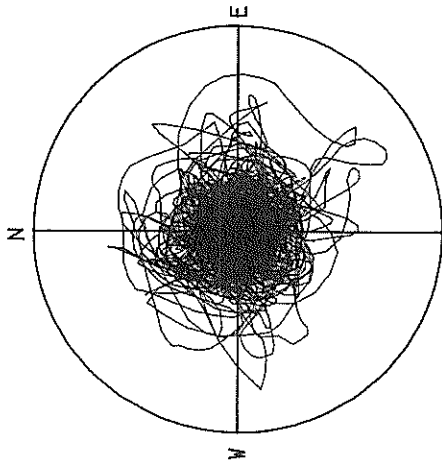
PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	107.2	0.56	0.007	66.5	0.23	0.004	64.4	0.19	0.004	62.7	0.17	0.004	61.1	0.15	0.004	61.1	0.15	0.004		
0.10	481.1	7.44	0.122	130.7	1.80	0.033	98.4	1.28	0.025	81.6	0.93	0.020	69.7	0.59	0.017	69.7	0.59	0.017		
0.15	956.0	22.57	0.545	199.1	4.23	0.112	149.6	2.90	0.085	106.1	1.84	0.060	72.7	1.05	0.039	72.7	1.05	0.039		
0.20	650.7	23.39	0.659	172.7	4.23	0.175	123.3	4.00	0.125	89.9	3.27	0.089	65.9	1.75	0.063	65.9	1.75	0.063		
0.25	460.1	17.59	0.728	157.8	6.50	0.249	119.6	4.86	0.188	90.3	3.24	0.141	64.6	1.88	0.097	64.6	1.88	0.097		
0.30	332.9	15.62	0.759	156.3	7.23	0.355	118.5	5.37	0.270	88.6	3.98	0.198	65.4	2.36	0.137	65.4	2.36	0.137		
0.35	602.0	35.68	1.868	162.0	8.92	0.503	122.2	6.67	0.378	90.4	4.53	0.274	60.5	2.64	0.176	60.5	2.64	0.176		
0.40	630.3	39.03	2.554	218.8	13.59	0.883	152.9	9.14	0.615	104.1	5.75	0.415	63.3	3.27	0.235	63.3	3.27	0.235		
0.45	307.6	35.86	2.604	119.8	8.60	0.613	104.2	7.27	0.532	81.5	5.92	0.409	59.0	3.79	0.279	59.0	3.79	0.279		
0.50	605.0	47.53	5.831	177.9	14.59	1.124	121.2	9.98	0.763	84.4	7.32	0.522	58.6	4.23	0.339	58.6	4.23	0.339		
0.55	433.9	39.10	3.478	150.3	11.32	1.151	115.3	9.38	0.880	83.9	7.21	0.633	56.8	4.25	0.398	56.8	4.25	0.398		
0.60	229.4	22.51	2.092	138.2	12.06	1.260	111.0	9.41	1.009	80.1	6.55	0.722	54.5	4.04	0.473	54.5	4.04	0.473		
0.65	327.8	32.29	3.508	144.3	14.17	1.544	117.1	11.52	1.248	89.6	8.15	0.946	58.4	4.49	0.563	58.4	4.49	0.563		
0.70	297.3	32.41	3.690	139.6	14.66	1.729	111.5	11.84	1.378	86.4	9.06	1.052	59.4	5.07	0.670	59.4	5.07	0.670		
0.75	353.8	41.87	5.040	132.1	14.58	1.738	100.4	11.26	1.424	80.8	9.37	1.129	57.8	5.39	0.734	57.8	5.39	0.734		
0.80	282.7	32.98	4.258	139.8	16.81	2.264	101.5	12.31	1.638	76.6	9.55	1.217	54.3	5.50	0.780	54.3	5.50	0.780		
0.85	322.4	43.07	5.901	127.8	17.65	2.336	92.3	13.36	1.682	69.3	9.43	1.243	49.8	5.43	0.810	49.8	5.43	0.810		
0.90	327.9	45.68	6.727	97.3	13.56	1.995	82.1	11.94	1.680	61.6	9.27	1.237	44.9	5.38	0.823	44.9	5.38	0.823		
0.95	263.4	39.72	6.021	110.6	14.93	2.527	81.4	11.17	1.855	58.2	8.40	1.302	40.5	5.59	0.824	40.5	5.59	0.824		
1.00	368.2	57.58	9.326	115.3	17.81	2.916	81.2	11.75	2.046	58.4	8.54	1.402	36.7	5.93	0.830	36.7	5.93	0.830		
1.10	240.2	42.45	7.361	91.5	16.02	2.801	63.2	12.37	1.923	46.3	9.69	1.382	36.0	6.38	1.007	36.0	6.38	1.007		
1.20	220.4	41.84	8.039	67.1	13.08	2.442	53.6	10.13	1.940	42.2	8.69	1.505	36.1	6.42	1.186	36.1	6.42	1.186		
1.30	116.7	23.76	4.997	70.2	14.22	3.000	51.1	9.81	2.179	45.3	8.24	1.914	36.5	6.22	1.390	36.5	6.22	1.390		
1.40	345.1	76.05	17.131	110.9	23.52	3.499	74.9	15.68	3.705	49.7	10.34	2.427	36.5	6.25	1.617	36.5	6.25	1.617		
1.50	139.0	31.73	7.924	65.9	15.29	3.754	53.4	11.90	3.141	45.8	9.80	2.576	35.8	6.48	1.865	35.8	6.48	1.865		
1.60	100.4	26.79	6.513	64.0	16.15	4.145	55.4	13.40	3.569	48.4	10.85	3.071	34.7	6.79	2.094	34.7	6.79	2.094		
1.70	247.2	71.40	19.558	84.5	21.42	6.180	68.4	17.29	4.984	51.8	12.52	3.728	34.6	7.77	2.310	34.6	7.77	2.310		
1.80	175.9	49.41	14.440	91.9	27.01	7.531	72.2	19.98	5.894	52.5	13.60	4.221	34.2	8.57	2.521	34.2	8.57	2.521		
1.90	167.1	50.53	15.278	86.9	26.55	7.935	72.2	21.87	6.562	53.7	15.43	4.775	33.6	9.10	2.723	33.6	9.10	2.723		
2.00	256.7	30.72	26.009	99.5	32.02	10.075	68.4	20.75	6.881	53.6	15.92	5.271	32.7	9.64	2.919	32.7	9.64	2.919		
2.20	261.1	91.72	32.009	97.9	34.82	11.993	71.8	25.85	8.768	45.5	17.91	5.489	31.0	10.18	3.332	31.0	10.18	3.332		
2.40	188.1	65.62	24.531	77.6	29.67	11.303	59.2	22.42	8.602	38.2	18.03	5.619	29.4	9.78	3.788	29.4	9.78	3.788		
2.60	159.1	52.89	22.106	71.1	30.24	12.156	55.0	22.22	9.367	42.0	18.15	7.101	27.8	11.06	4.228	27.8	11.06	4.228		
2.80	166.9	27.99	33.151	74.2	35.96	14.719	59.3	28.70	11.718	44.4	20.97	8.662	27.4	11.90	4.860	27.4	11.90	4.860		
3.00	105.8	50.47	24.130	54.7	27.63	12.461	51.2	24.99	11.604	41.8	19.87	9.279	27.3	12.20	5.462	27.3	12.20	5.462		
3.20	113.2	58.39	29.352	55.8	29.44	14.461	45.4	23.44	11.725	36.7	17.15	9.298	26.2	12.00	5.778	26.2	12.00	5.778		
3.40	107.3	59.40	31.406	63.4	33.74	18.537	48.4	25.29	14.084	34.3	17.11	9.816	24.4	11.55	5.979	24.4	11.55	5.979		
3.60	59.4	32.52	19.484	44.3	25.81	14.530	37.3	21.65	12.181	29.9	17.01	9.577	22.0	11.59	6.164	22.0	11.59	6.164		
3.80	77.7	47.47	28.422	46.1	28.58	16.845	34.8	25.27	12.658	27.5	17.61	9.753	20.0	12.27	6.263	20.0	12.27	6.263		
4.00	65.6	43.45	26.593	41.8	28.01	16.931	34.3	25.29	13.827	28.5	19.96	11.145	18.8	12.73	6.491	18.8	12.73	6.491		

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



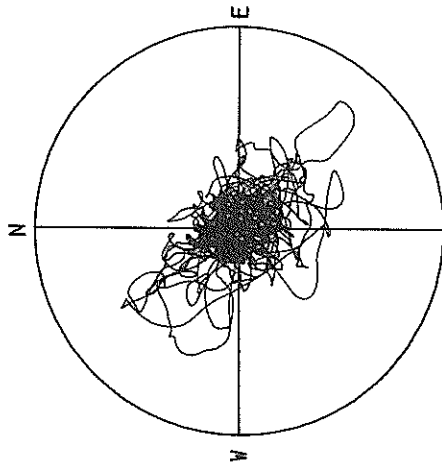
FOURIER SPECTRA

S-1567 AKITA-S



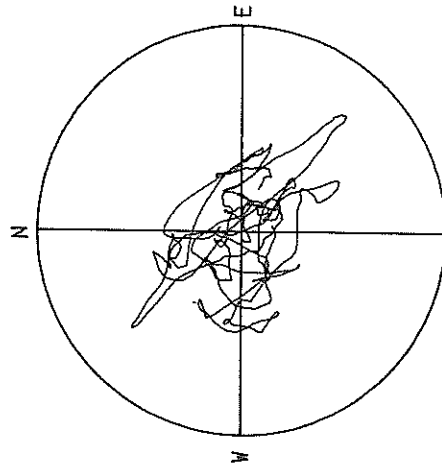
ACCELERATION
R=300.0GAL
MAX=247.9GAL

S-1567 AKITA-S



VELOCITY
R=50.0 CM/SEC.
MAX=40.6 CM/SEC.

S-1567 AKITA-S



DISPLACEMENT
R=30.00CM
MAX=22.89CM

LOCI OF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

RECORD NUMBER S-1573
 STATION AOMORI-S

EARTHQUAKE DATA

DATA AND TIME 12:00 MAY 26, 1983

LOCATION OF HYPOCENTER

EPCENTRAL REGION W OFF N TOHOKU

LATITUDE 40.357°N

LONGITUDE 139.077°E

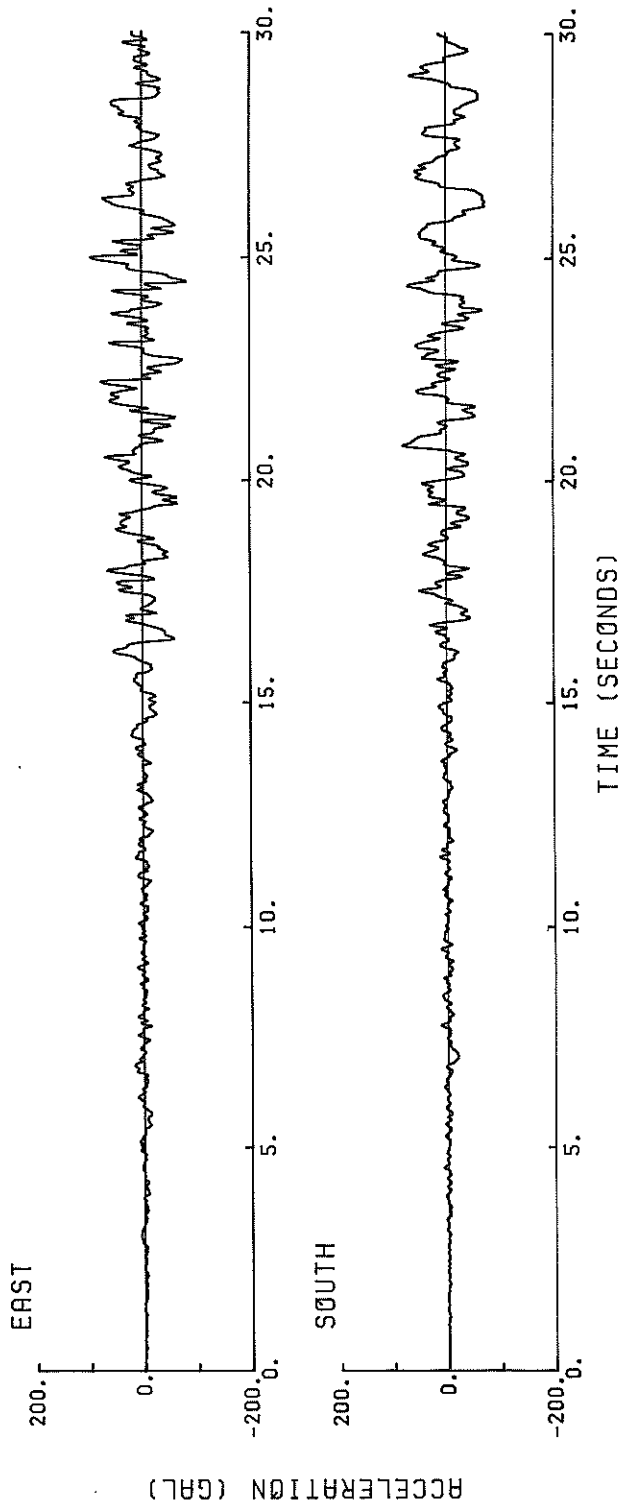
DEPTH 14 KM

MAGNITUDE 7.7

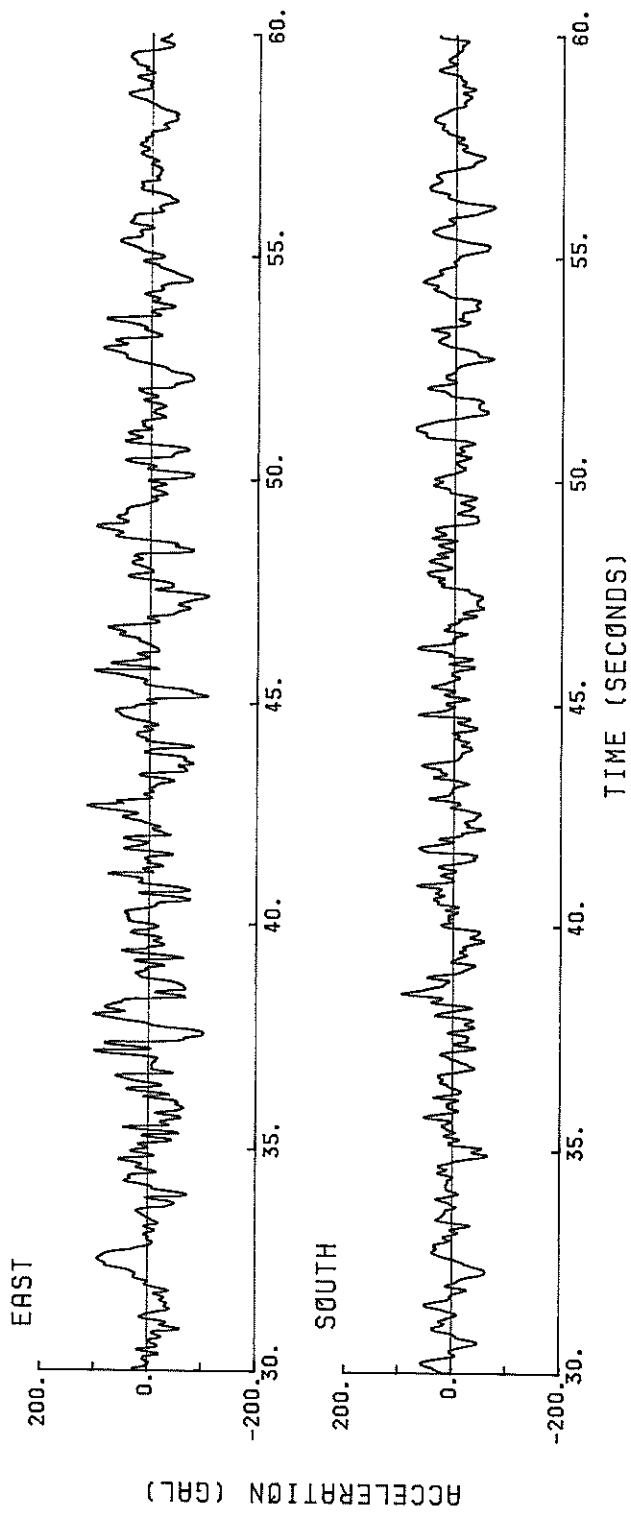
	COMPONENT		SUM OF HORIZONTAL COMPONENT
	SOUTH	EAST	
PARAMETER OF THE VARIABLE FILTER			
FC (HZ)	0.085	0.091	
MAXIMUM ACCELERATION (GAL)			
ORIGINAL	94.9	115.8	119.7
CORRECTED	121.5	168.0	172.5
MAXIMUM VELOCITY (CM/SEC)			
VARIABLE FILTER	21.91	28.77	30.09
VARIABLE FILTER	19.87	25.53	27.27
MAXIMUM DISPLACEMENT (CM)			
FIXED FILTER	7.680	11.676	12.177
VARIABLE FILTER	9.673	17.880	17.905

Stylus pressure of UD insufficient.

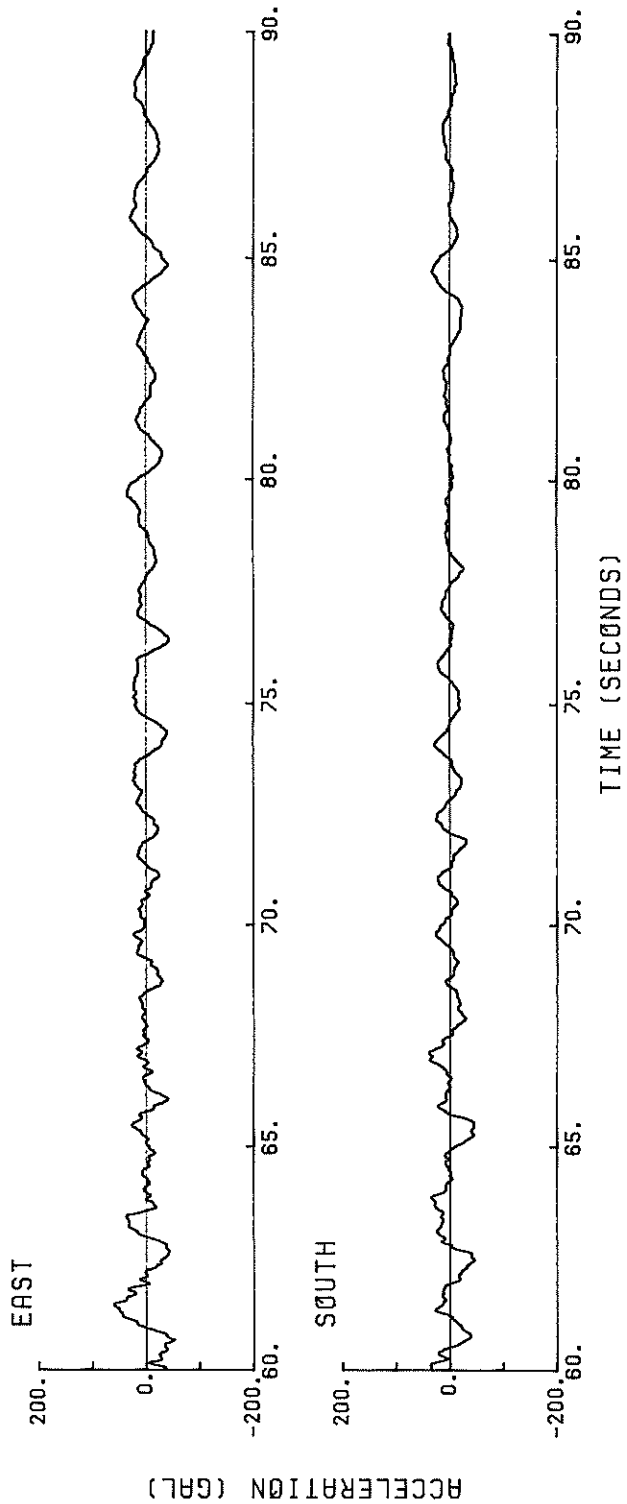
S-1573 AOMORI-S



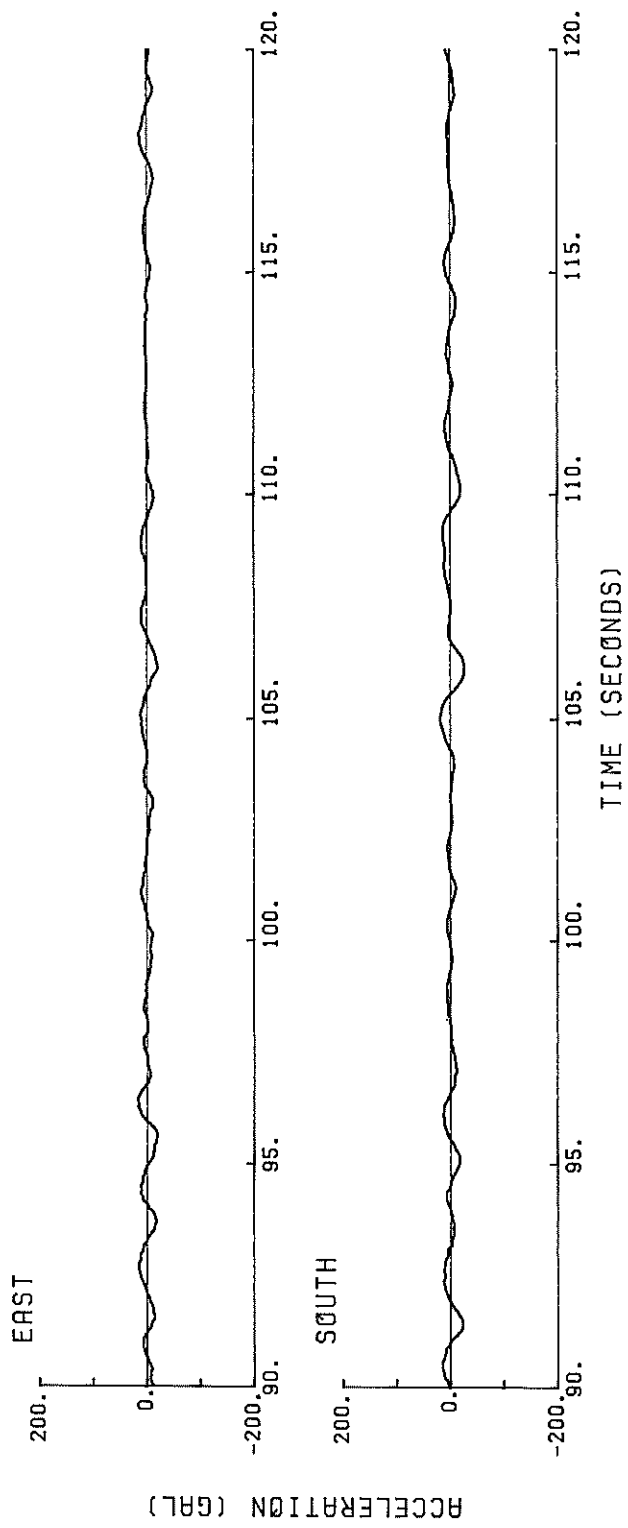
S-1573 AOMORI-S



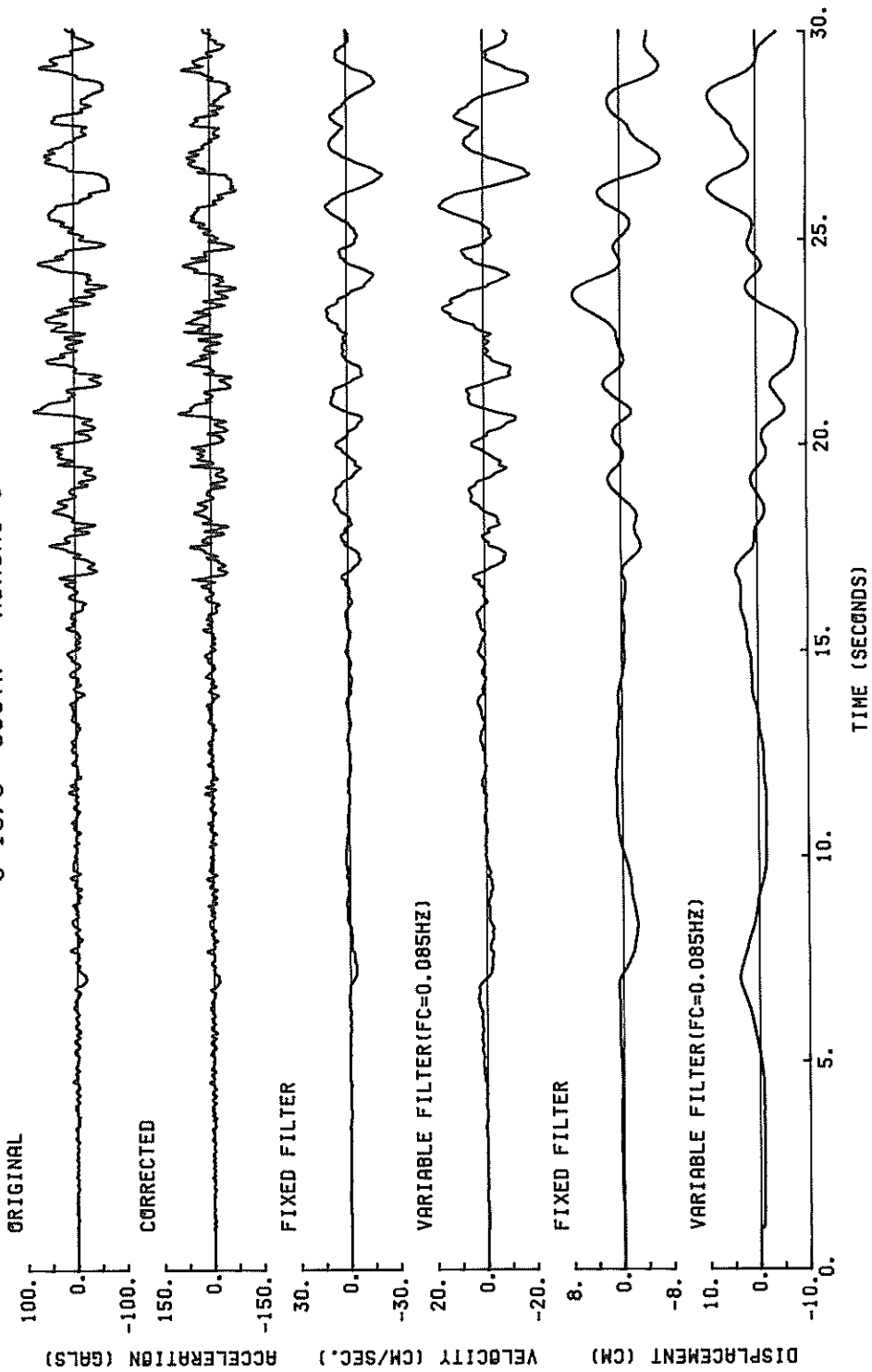
S-1573 AOMORI-S



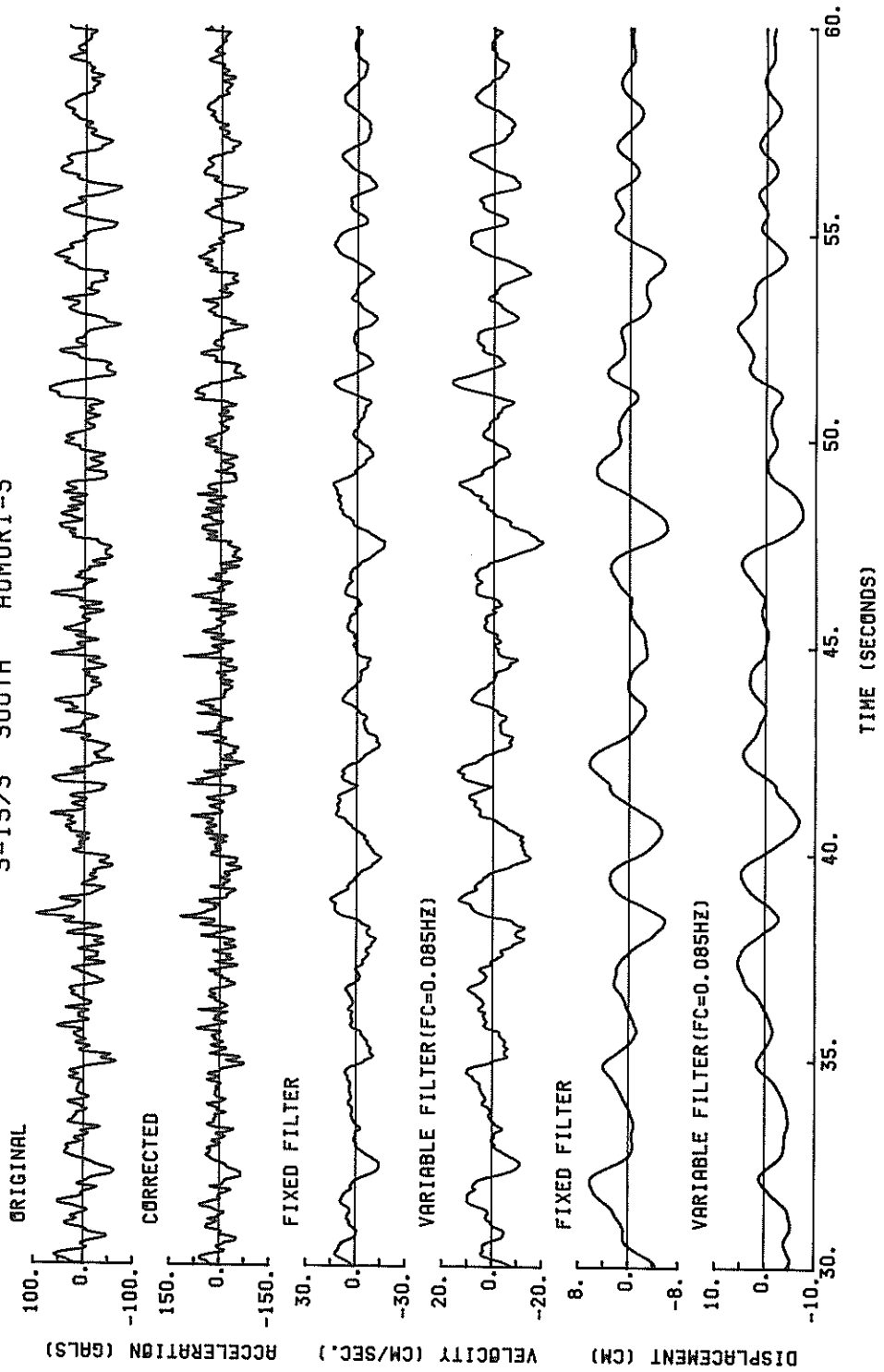
S-1573 AOMORI-S



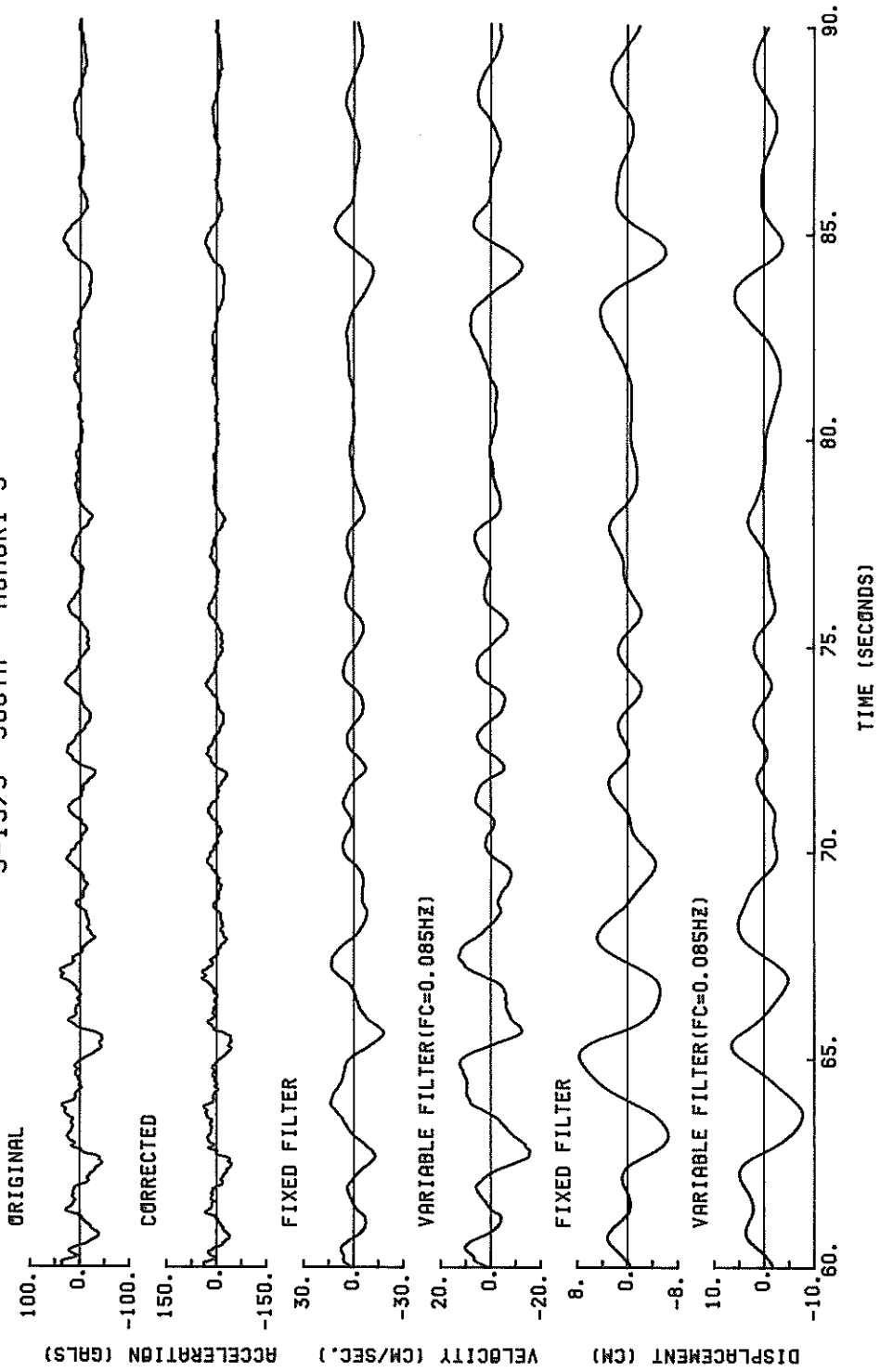
S-1573 SOUTH AOMORI-S



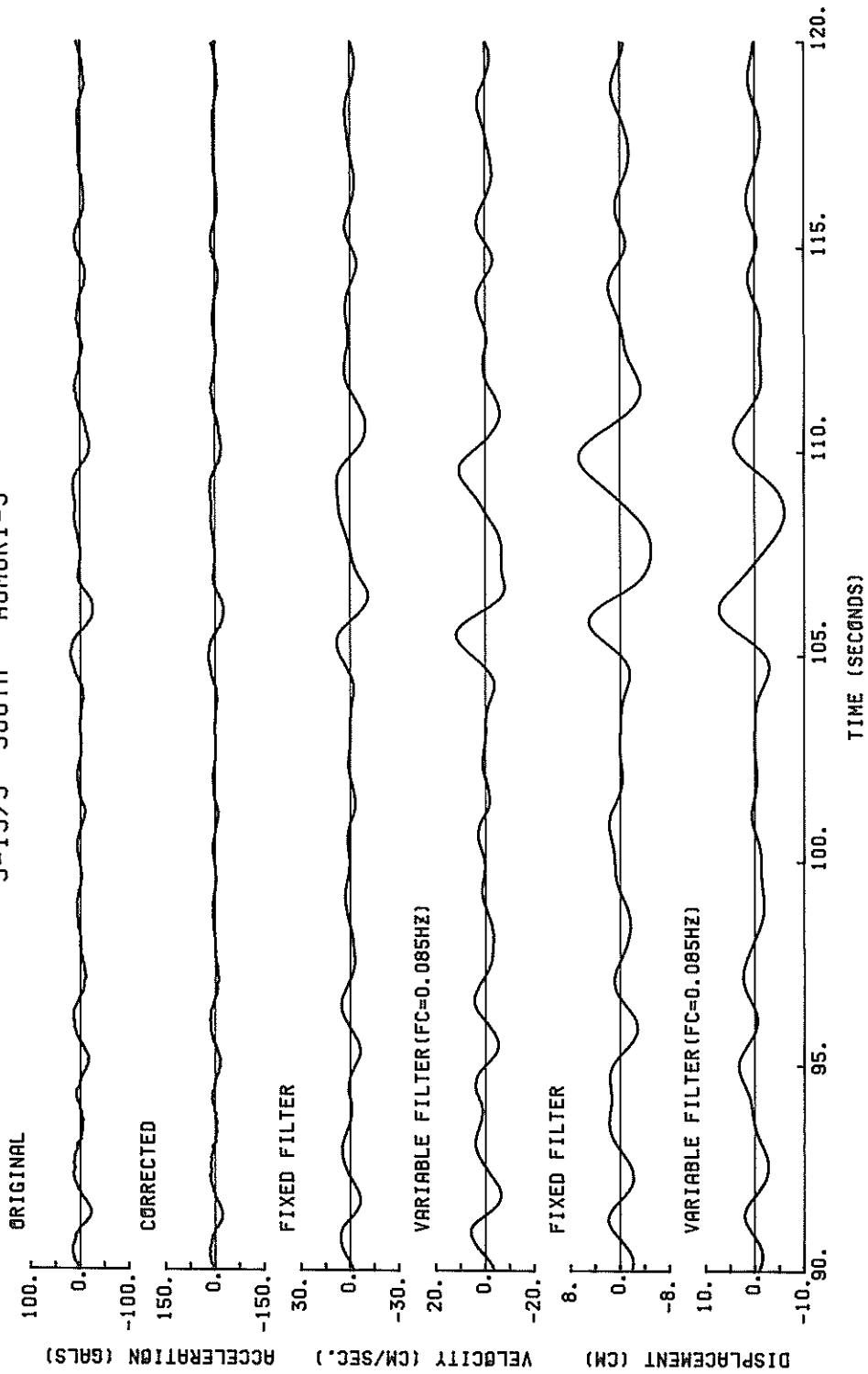
S-1573 SOUTH AOMORI-S



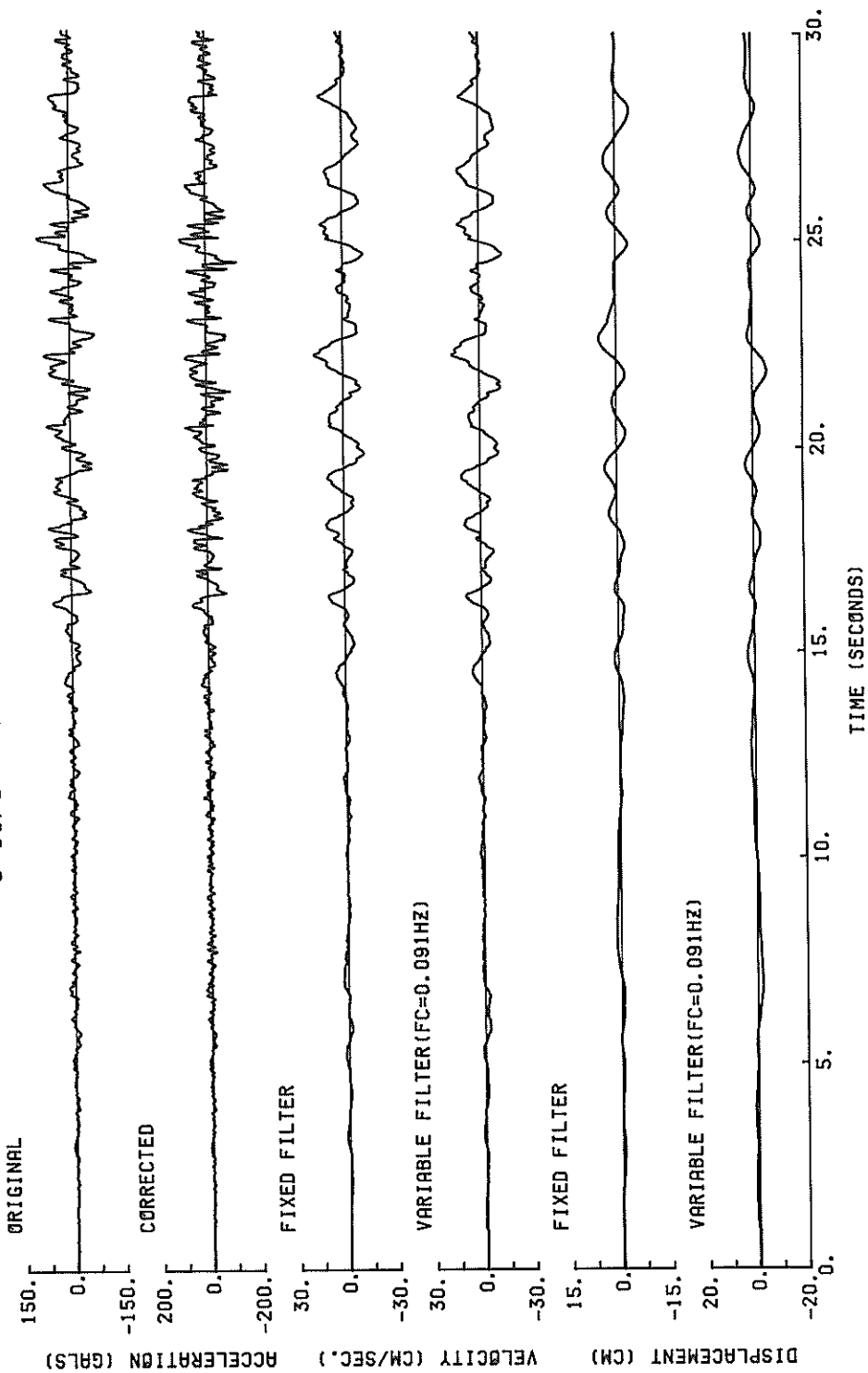
S-1573 SOUTH ADMORI-S



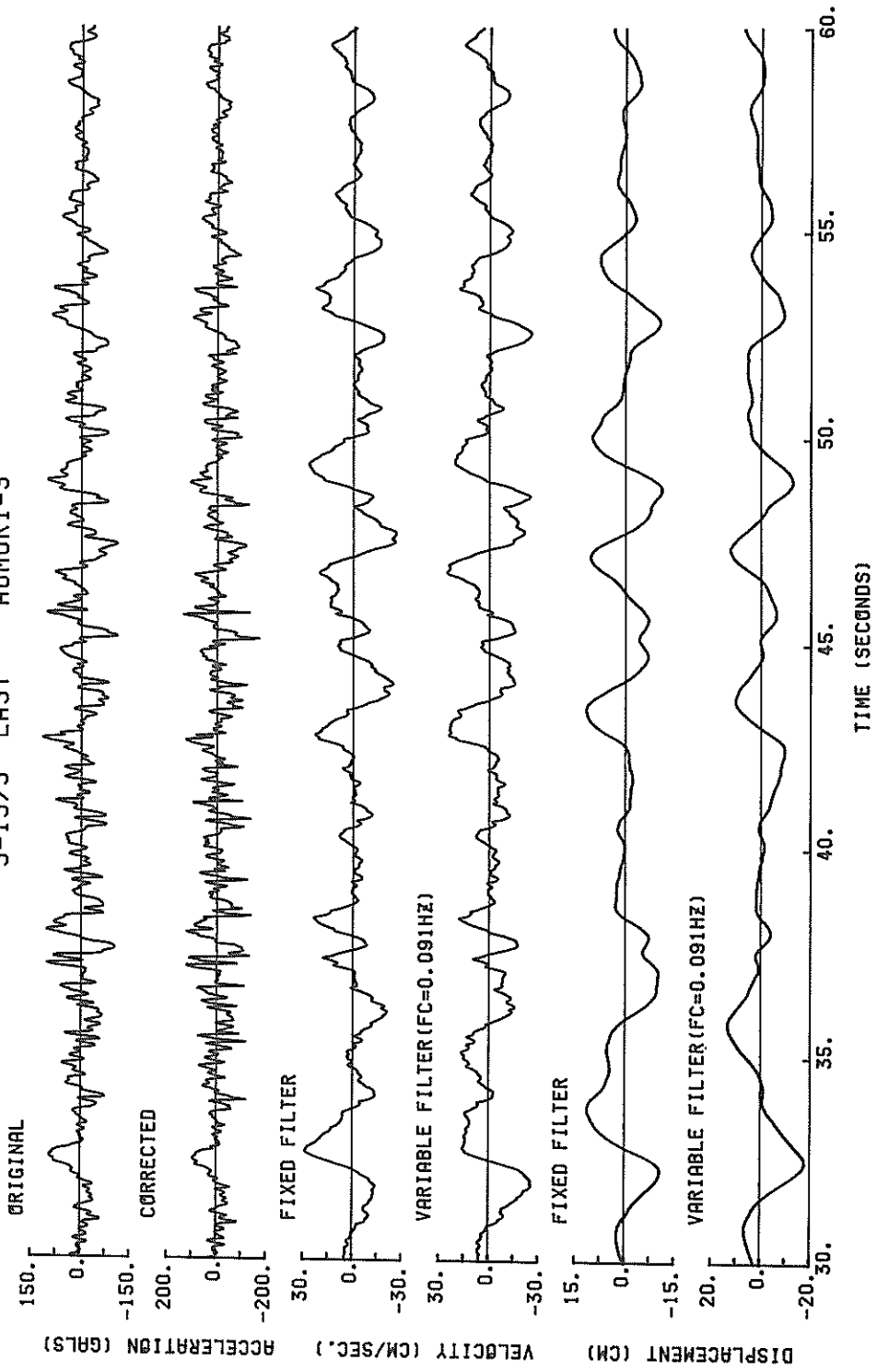
S-1573 SOUTH AMORI-S



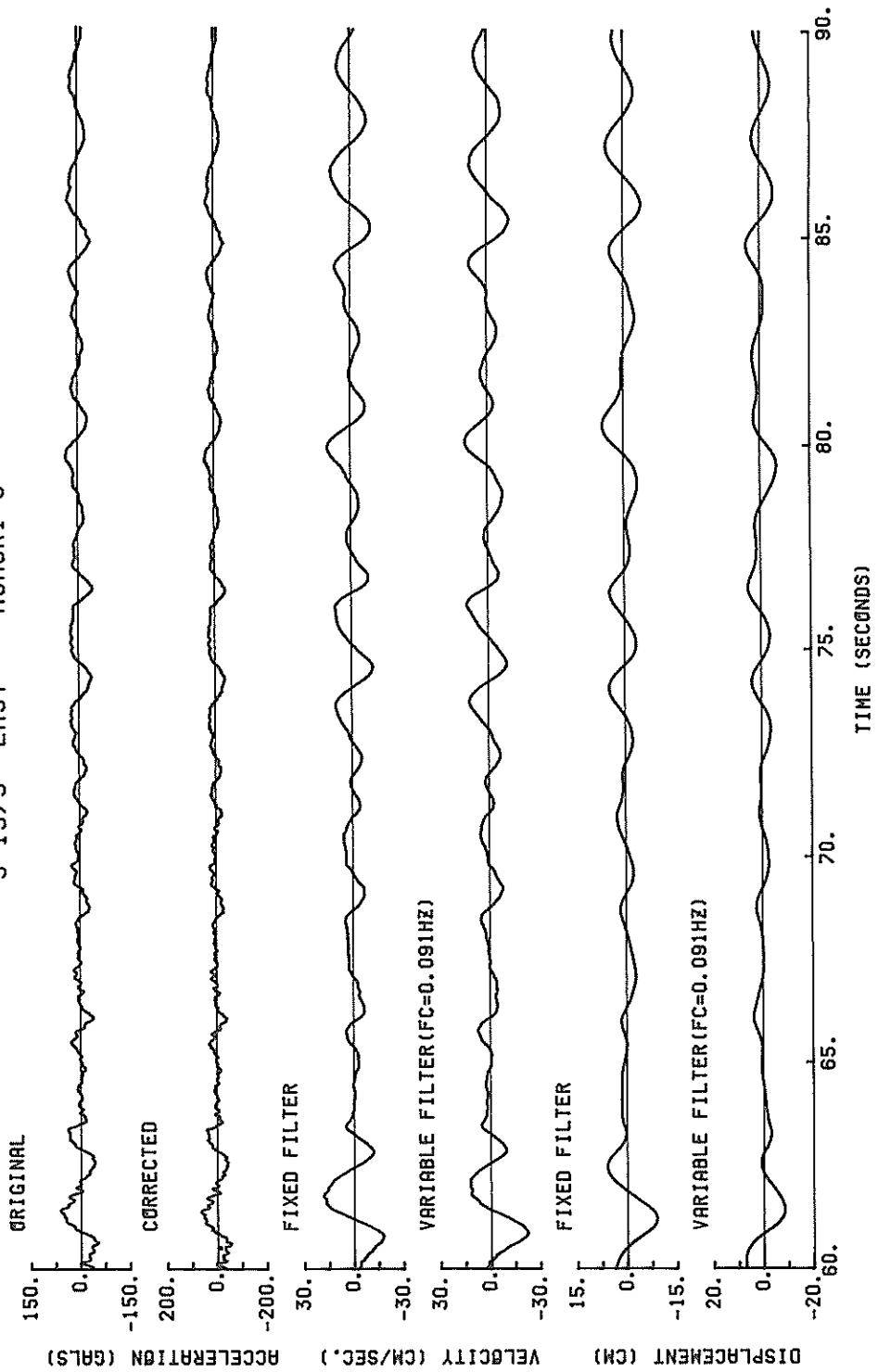
S-1573 EAST AOMORI-S



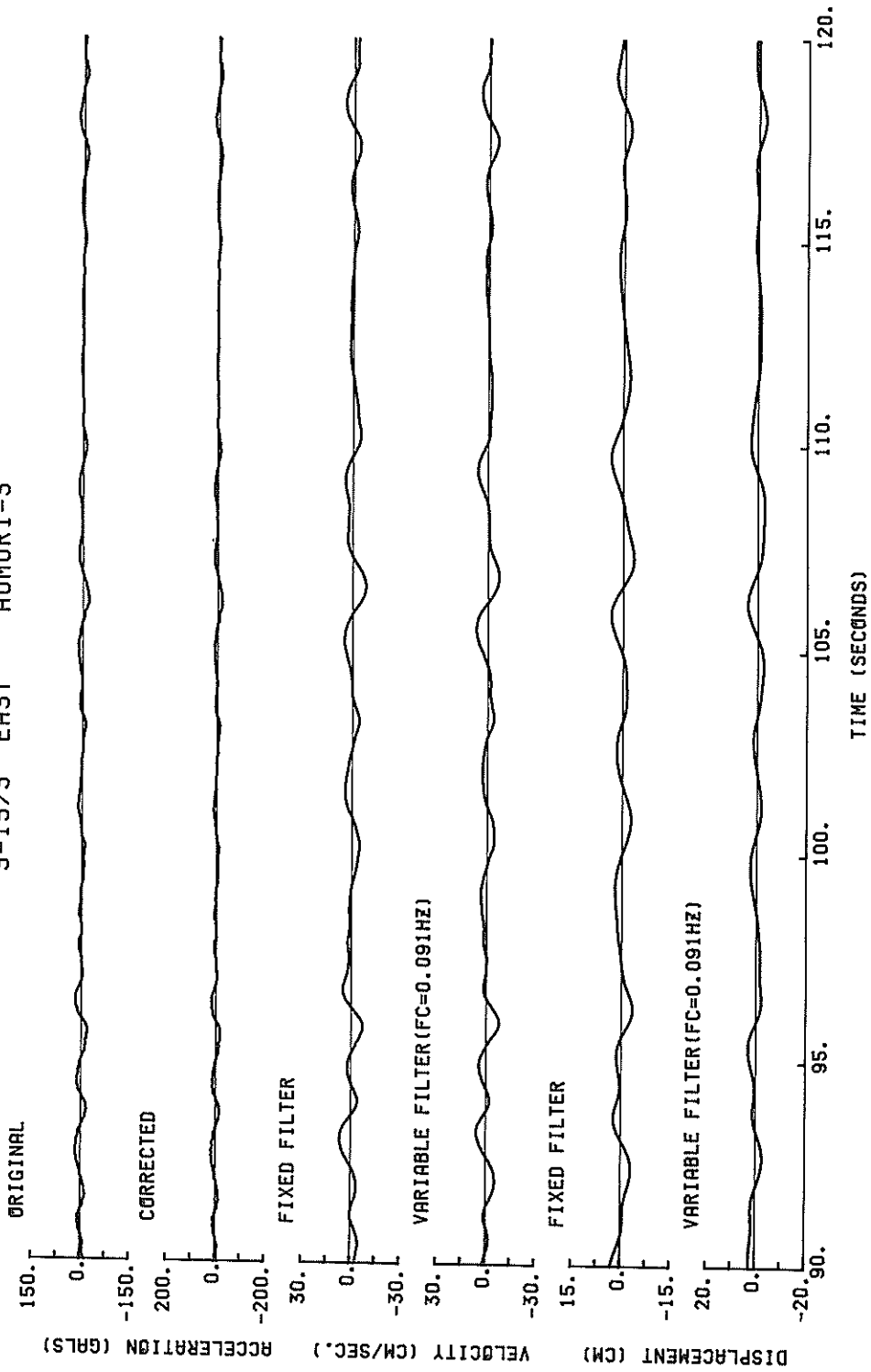
S-1573 EAST AOMORI-S



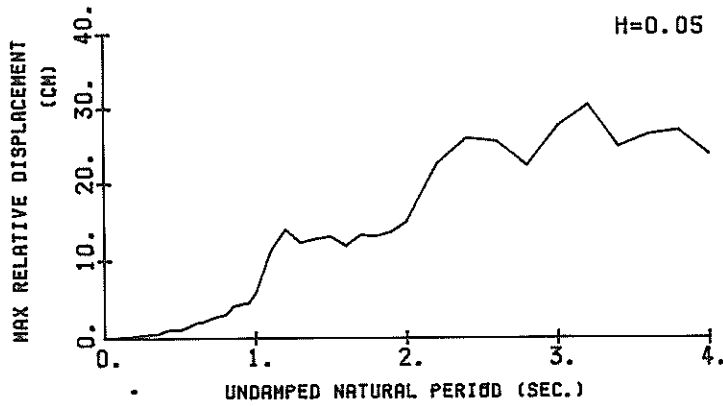
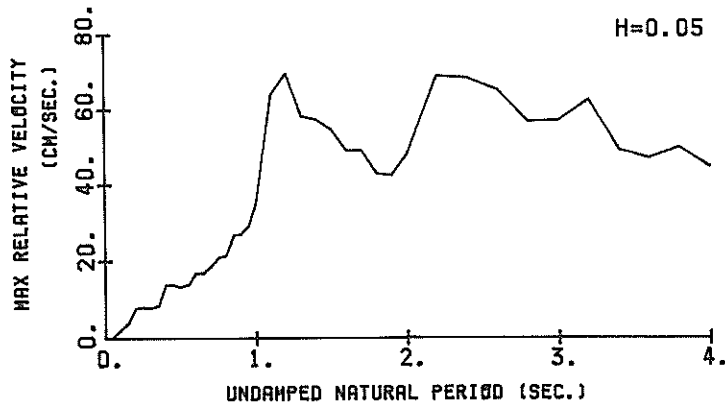
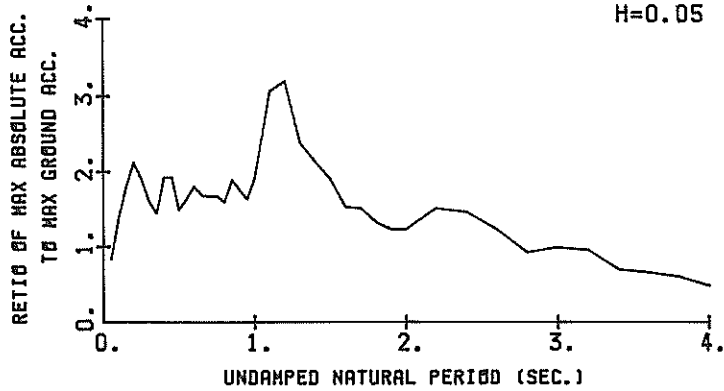
S-1573 EAST AOMORI-S



S-1573 EAST AOMORI-S

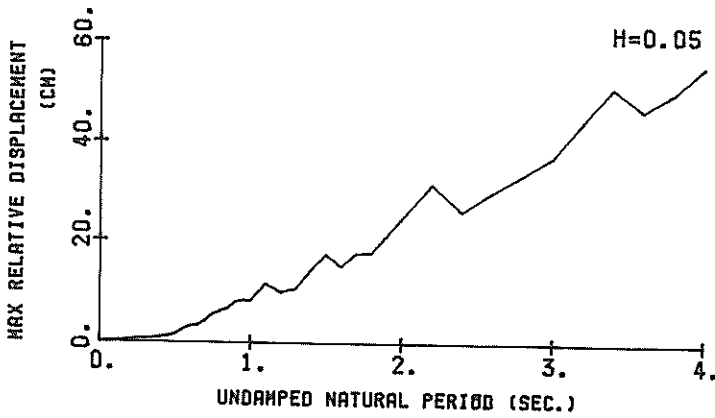
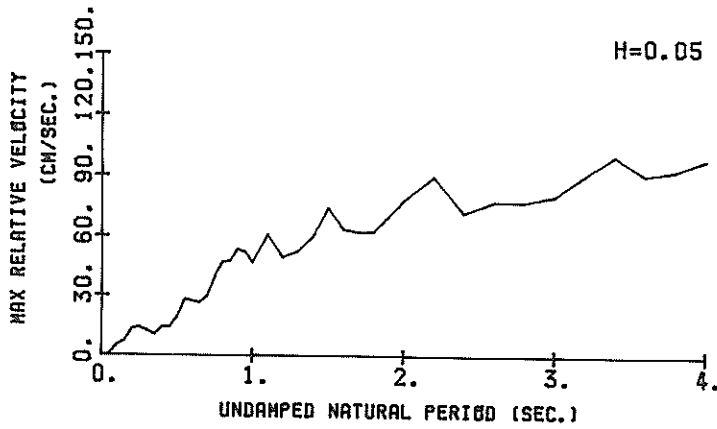
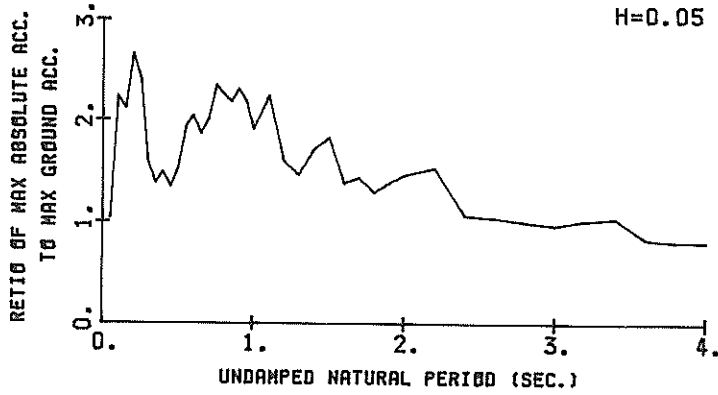


S-1573 SOUTH AOMORI-S
(1/FC=11.76SEC.)



RESPONSE SPECTRA

S-1573 EAST AQMORI-S
(1/FC=11.02SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = S-1573 COMPONENT = SOUTH SIGNAL = GR. ACC. CORRECTION = STATION = AOMORI-S
 DATE AND TIME = 1983-05-26-12-00 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 121.50 (GAL)
 TIME LENGTH = 119.99 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	155.7	0.66	0.010	102.3	0.24	0.006	102.2	0.24	0.006	101.0	0.23	0.006	100.0	0.21	0.006
0.10	588.9	9.11	0.149	201.0	2.75	0.051	165.7	2.05	0.042	169.8	1.49	0.041	147.9	1.09	0.036
0.15	699.2	16.09	0.399	260.4	5.66	0.148	221.0	4.06	0.126	193.3	2.72	0.109	158.5	2.10	0.086
0.20	1569.0	49.33	1.590	353.3	10.54	0.358	258.6	7.69	0.261	209.2	5.17	0.208	160.4	3.30	0.152
0.25	1584.0	62.12	2.508	340.7	12.41	0.541	231.1	8.08	0.365	183.6	4.94	0.287	134.2	3.66	0.199
0.30	531.1	23.29	1.211	243.6	10.14	0.556	197.7	7.87	0.450	159.9	6.38	0.360	126.4	4.34	0.269
0.35	515.6	25.18	1.600	212.6	11.51	0.660	175.6	8.49	0.543	159.7	7.10	0.488	129.6	5.34	0.372
0.40	637.8	38.85	2.585	283.2	17.04	1.148	233.9	13.74	0.944	185.1	10.18	0.739	130.0	6.21	0.480
0.45	633.3	44.07	3.248	285.8	19.22	1.464	234.7	13.92	1.197	173.0	10.16	0.873	123.2	6.79	0.572
0.50	666.3	50.92	4.220	236.2	18.29	1.494	181.3	13.22	1.145	145.3	9.68	0.906	115.2	7.53	0.683
0.55	429.3	36.35	3.289	251.7	18.77	1.928	198.9	13.85	1.519	153.1	10.72	1.160	112.7	7.72	0.822
0.60	1267.1	118.98	11.555	282.9	26.03	2.574	220.0	17.02	1.999	168.6	12.34	1.515	114.8	7.88	0.972
0.65	371.9	37.73	3.980	263.7	21.96	2.405	204.8	16.97	2.183	171.5	13.90	1.808	118.5	9.22	1.168
0.70	642.5	70.51	7.975	270.1	23.52	3.350	204.4	18.57	2.827	166.9	14.99	2.041	119.2	10.60	1.365
0.75	381.6	44.34	5.438	239.9	24.26	3.416	204.2	20.96	2.897	159.4	16.42	2.239	118.9	11.74	1.565
0.80	513.8	63.84	8.329	210.3	25.21	3.407	194.6	21.38	3.139	166.4	17.82	2.656	118.6	12.77	1.778
0.85	1058.2	141.69	19.366	312.5	37.73	5.715	229.9	26.69	4.188	174.8	20.20	3.144	118.2	13.77	2.014
0.90	913.9	129.80	18.750	277.7	38.64	5.693	215.0	27.05	4.397	173.2	21.86	3.493	118.9	14.81	2.268
0.95	582.1	86.88	13.307	232.2	34.92	5.304	198.9	29.44	4.528	170.7	24.40	3.837	120.4	15.90	2.538
1.00	636.5	99.38	16.123	264.8	40.04	6.700	232.1	35.39	5.859	187.4	28.15	4.662	121.5	17.06	2.808
1.10	790.7	136.87	24.235	558.4	95.34	17.895	372.3	64.16	11.359	212.0	36.55	6.379	127.9	18.67	3.692
1.20	1724.6	326.81	62.906	548.4	105.56	19.975	389.2	69.90	14.132	230.9	44.47	8.998	134.5	22.71	4.569
1.30	630.9	126.43	27.009	317.4	66.37	13.573	291.5	58.59	12.419	251.1	44.80	9.712	133.0	24.76	5.242
1.40	486.0	106.77	24.127	295.4	67.49	14.649	260.3	57.58	12.859	205.7	44.25	10.012	126.7	26.18	5.634
1.50	821.5	195.74	46.821	300.1	67.89	17.081	232.3	54.92	13.170	176.2	41.47	9.839	117.0	26.47	5.822
1.60	870.9	220.82	56.671	257.9	73.86	18.861	186.1	49.32	12.012	138.0	35.96	8.748	106.2	25.96	5.930
1.70	458.6	121.34	33.575	262.1	69.18	19.166	184.9	49.40	13.979	116.8	31.36	8.381	97.1	25.52	6.075
1.80	627.6	176.91	51.517	210.6	57.22	17.685	161.8	43.40	13.230	108.5	32.19	8.778	90.9	25.96	6.351
1.90	602.9	181.03	55.126	201.2	58.62	18.380	151.0	44.95	13.737	110.7	33.61	9.922	87.3	26.56	6.785
2.00	355.0	109.57	35.966	182.5	59.08	18.465	149.4	48.29	11.143	113.1	40.43	11.143	85.3	27.18	7.372
2.20	493.1	176.80	60.458	268.2	96.63	32.839	184.4	69.37	22.509	132.4	48.90	15.902	80.9	27.57	8.477
2.40	348.5	140.46	50.853	246.3	95.64	35.890	179.0	68.93	25.973	119.3	44.42	16.859	73.4	26.72	9.165
2.60	712.2	298.45	121.958	214.7	91.05	36.717	150.3	65.80	25.588	102.5	44.21	17.021	63.9	28.44	8.980
2.80	214.0	99.42	42.489	149.3	72.34	29.603	113.1	57.05	22.365	82.3	40.56	15.991	57.2	29.05	9.771
3.00	476.3	225.21	108.594	161.8	74.56	36.844	121.5	57.48	27.563	84.0	41.80	18.811	51.0	28.75	10.668
3.20	337.1	173.71	87.446	156.4	84.18	40.501	118.0	62.97	30.664	83.4	43.86	21.172	51.7	27.89	11.346
3.40	190.6	103.32	55.811	90.2	54.90	26.367	85.3	49.67	24.847	72.8	40.39	20.791	47.6	26.67	11.874
3.60	224.6	131.18	73.742	101.7	63.35	33.332	81.2	47.34	26.489	65.2	38.95	20.820	43.2	26.43	11.005
3.80	155.7	95.18	56.963	91.4	62.04	33.389	74.3	50.25	27.008	57.9	39.91	20.543	38.8	27.47	11.857
4.00	81.5	57.27	33.022	67.9	45.58	27.469	59.3	45.18	23.899	48.6	38.55	19.143	34.4	28.11	11.793

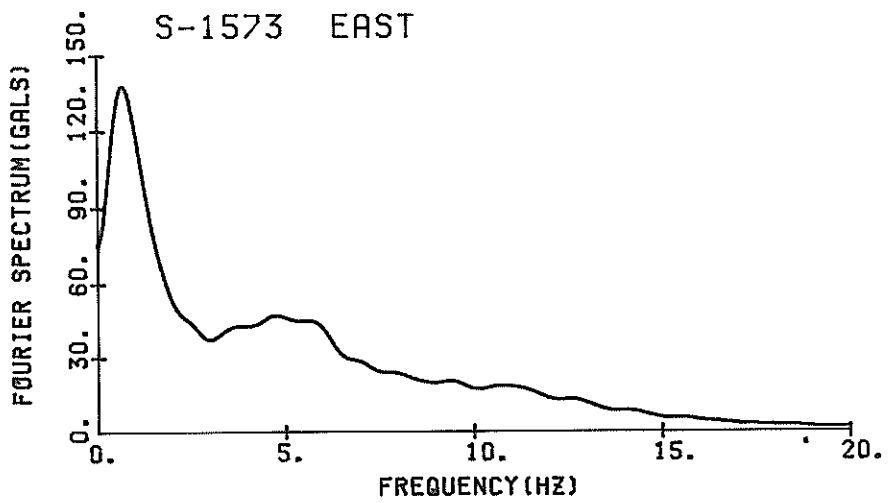
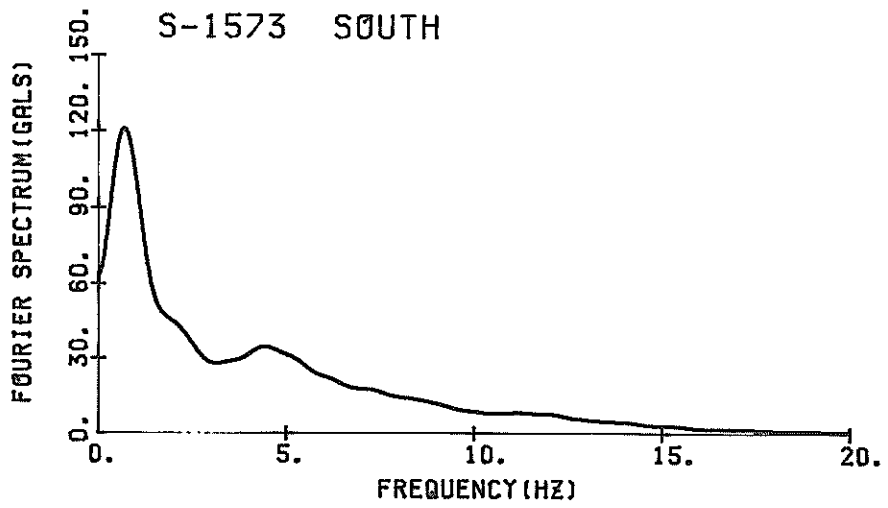
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1573 COMPONENT = EAST SIGNAL = GR. ACC. CORRECTION = STATION = AOMORI-S
 DATE AND TIME = 1983-05-26-12-00 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 168.00 (GAL)
 TIME LENGTH = 119.699 (SEC) SKIPPED LENGTH = 0.00 (SEC)

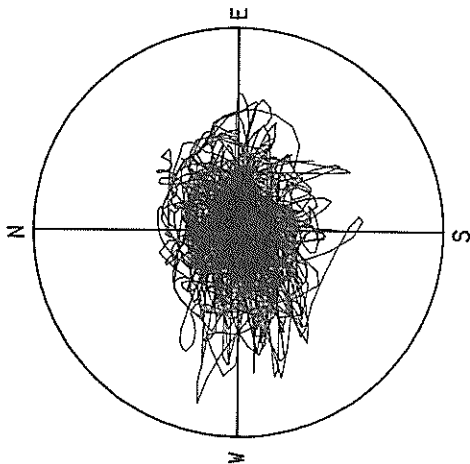
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	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	265.6	1.50	0.017	182.1	0.51	0.012	176.4	0.48	0.031	159.8	0.45	0.011	162.8	0.38	0.010	0.053	0.053			
0.10	2088.5	32.97	0.529	480.8	6.19	0.121	374.8	4.72	0.094	300.8	3.65	0.075	226.0	2.33	0.053	0.053	0.053			
0.15	1321.4	30.90	0.753	421.4	8.70	0.240	354.3	7.17	0.202	298.6	5.49	0.167	215.1	4.08	0.118	0.118	0.118			
0.20	1910.6	59.77	1.936	509.3	14.86	0.515	445.7	13.27	0.449	344.8	10.55	0.346	253.1	6.43	0.196	0.196	0.196			
0.25	1638.4	61.91	2.594	500.0	17.60	0.789	402.3	14.06	0.635	291.8	9.97	0.456	172.1	6.07	0.260	0.260	0.260			
0.30	889.0	40.29	2.027	375.2	17.06	0.854	268.6	12.70	0.656	226.2	9.31	0.503	167.4	6.01	0.342	0.342	0.342			
0.35	732.1	40.11	2.372	275.2	12.66	0.851	232.6	10.63	0.720	175.5	7.85	0.539	153.3	5.87	0.455	0.455	0.455			
0.40	1382.8	86.58	5.604	388.9	22.74	1.578	250.6	16.17	1.012	171.9	9.05	0.691	156.1	6.43	0.604	0.604	0.604			
0.45	1288.8	91.21	6.611	257.0	16.49	1.318	226.5	14.35	1.158	186.4	11.80	0.941	161.0	7.97	0.786	0.786	0.786			
0.50	628.5	48.82	3.980	303.4	21.90	1.916	256.8	19.33	1.619	200.7	16.07	1.250	169.2	9.58	1.009	1.009	1.009			
0.55	1363.5	118.21	10.448	486.6	42.11	3.722	325.8	28.63	2.487	221.1	18.98	1.673	176.5	10.42	1.264	1.264	1.264			
0.60	1498.4	139.58	13.664	450.7	37.17	4.106	344.2	32.58	3.128	263.8	20.16	2.373	182.6	12.06	1.527	1.527	1.527			
0.65	678.8	69.60	7.264	351.4	33.21	3.751	314.6	26.60	3.351	277.4	22.51	2.914	190.3	14.33	1.833	1.833	1.833			
0.70	683.3	53.43	5.999	342.4	29.54	4.247	336.2	30.01	4.136	300.8	26.10	3.513	190.3	16.26	2.131	2.131	2.131			
0.75	1580.2	161.10	19.666	536.2	58.55	7.625	393.1	40.22	5.579	300.8	30.67	4.224	183.6	18.16	2.444	2.444	2.444			
0.80	820.4	100.68	13.300	467.9	57.36	7.582	379.4	46.97	6.128	297.1	34.45	4.743	182.2	20.11	2.759	2.759	2.759			
0.85	827.8	103.90	15.149	396.3	53.61	7.244	366.3	47.62	6.272	283.8	36.84	5.113	179.8	21.59	3.048	3.048	3.048			
0.90	561.0	78.42	11.599	473.6	67.69	9.705	387.0	53.55	7.906	283.9	37.23	5.724	174.8	21.91	3.305	3.305	3.305			
0.95	1483.9	218.65	33.924	544.4	75.35	12.435	366.2	52.45	8.329	269.3	37.71	6.029	168.2	21.83	3.524	3.524	3.524			
1.00	1129.3	183.47	28.606	400.9	68.05	10.144	321.1	47.03	8.102	240.3	35.73	6.006	161.3	21.96	3.727	3.727	3.727			
1.10	1105.2	194.37	33.875	540.4	89.41	16.546	376.2	61.33	11.479	250.8	39.81	7.557	147.9	23.26	4.134	4.134	4.134			
1.20	1201.7	226.18	43.831	337.7	63.57	12.303	270.2	49.67	9.814	208.9	36.69	7.501	138.3	24.17	4.483	4.483	4.483			
1.30	571.9	114.40	24.482	306.6	66.72	13.109	246.8	52.78	10.512	179.9	36.50	7.548	159.7	24.55	4.834	4.834	4.834			
1.40	534.5	119.27	26.538	358.3	77.75	17.770	288.6	60.31	14.256	202.1	41.24	9.842	121.4	24.42	5.373	5.373	5.373			
1.50	1255.8	296.94	71.571	456.0	108.23	25.957	307.1	74.83	17.398	191.1	47.27	10.632	118.9	24.23	6.041	6.041	6.041			
1.60	1264.7	319.98	82.008	350.9	92.64	22.726	233.0	64.13	15.016	153.8	45.03	9.744	121.4	25.91	7.042	7.042	7.042			
1.70	561.6	148.76	41.115	295.0	79.37	21.563	241.9	62.62	17.665	178.6	43.80	12.868	122.7	27.31	8.103	8.103	8.103			
1.80	431.5	120.65	35.412	232.5	69.41	19.080	217.8	82.56	17.804	181.9	48.78	14.697	120.0	27.64	8.055	8.055	8.055			
1.90	563.8	169.74	51.553	271.0	83.11	24.750	233.4	70.48	21.339	170.8	51.67	16.355	117.7	28.62	9.284	9.284	9.284			
2.00	665.6	174.55	67.440	355.3	114.45	35.952	245.9	78.38	24.773	182.4	51.85	16.876	113.3	29.51	10.299	10.299	10.299			
2.20	892.8	311.33	109.451	326.9	115.49	40.026	258.5	89.98	31.519	166.8	59.22	19.986	105.0	31.51	11.199	11.199	11.199			
2.40	573.9	226.18	83.734	247.3	91.04	36.031	180.7	72.41	26.208	135.9	52.57	19.406	96.6	32.03	12.215	12.215	12.215			
2.60	467.2	195.84	80.004	248.7	102.00	42.534	176.6	77.59	30.557	122.9	56.01	20.574	90.6	35.88	13.940	13.940	13.940			
2.80	314.7	140.27	62.091	215.9	98.66	42.801	169.6	77.74	33.459	125.9	60.69	24.317	92.4	38.87	16.191	16.191	16.191			
3.00	263.6	127.11	60.556	180.3	85.85	41.944	163.3	80.35	37.945	151.7	66.31	29.363	92.0	39.87	18.276	18.276	18.276			
3.20	321.3	153.23	83.343	209.4	107.87	54.251	171.5	90.69	44.223	136.3	58.24	34.507	88.6	39.51	19.814	19.814	19.814			
3.40	475.1	225.28	138.230	217.3	126.43	63.540	142.4	100.13	51.053	131.1	71.20	37.607	82.6	42.08	20.681	20.681	20.681			
3.60	217.8	132.87	71.495	176.1	109.60	57.721	175.2	90.55	46.430	117.5	71.87	37.677	75.2	44.05	20.939	20.939	20.939			
3.80	269.9	168.89	98.724	165.9	114.11	60.593	137.0	93.00	49.876	105.1	73.59	37.221	66.5	44.71	20.528	20.528	20.528			
4.00	303.9	194.75	123.176	190.4	123.03	77.066	137.0	98.50	55.185	89.1	73.33	35.269	57.1	44.59	19.665	19.665	19.665			

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



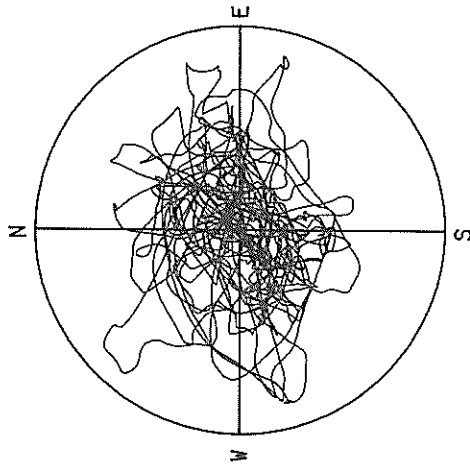
FOURIER SPECTRA

S-1573 AOMORI-S



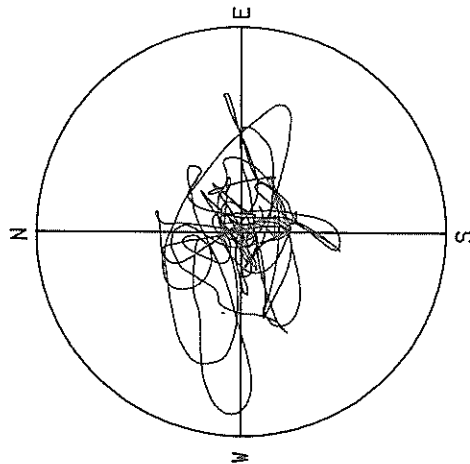
ACCELERATION
R=200.0GAL
MAX=172.5GAL

S-1573 AOMORI-S



VELOCITY
R=30.0 CM/SEC.
MAX=27.3 CM/SEC.

S-1573 AOMORI-S



DISPLACEMENT
R=20.00CM
MAX=17.90CM

LOCI OF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

RECORD NUMBER M-630
 STATION HAKODATE-M

EARTHQUAKE DATA

DATA AND TIME 12:00 MAY 26, 1983

LOCATION OF HYPCCENTER

EPCENTRAL REGION W OFF N TOHOKU

LATITUDE 40.357°N

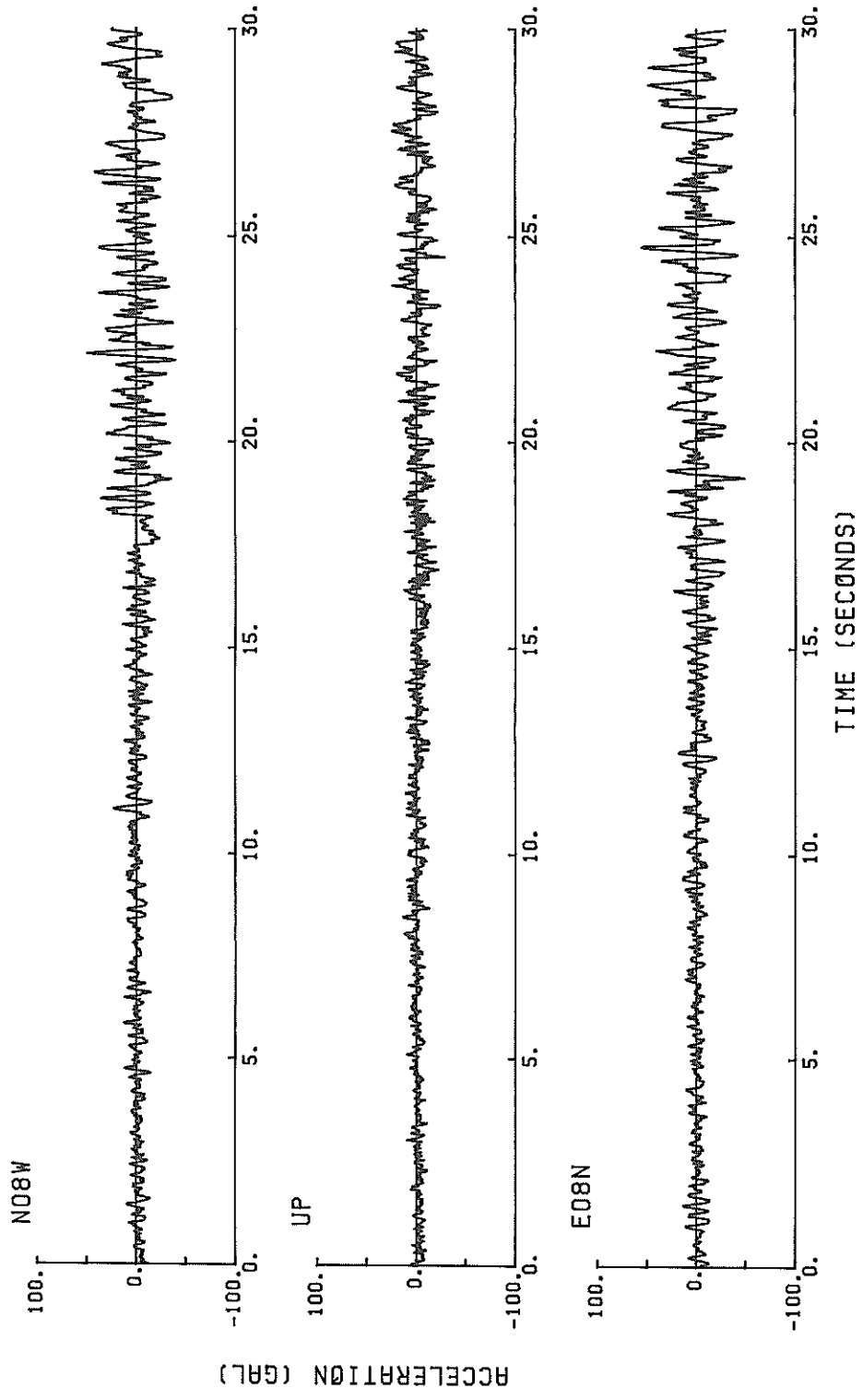
LONGITUDE 139.077°E

DEPTH 14 KM

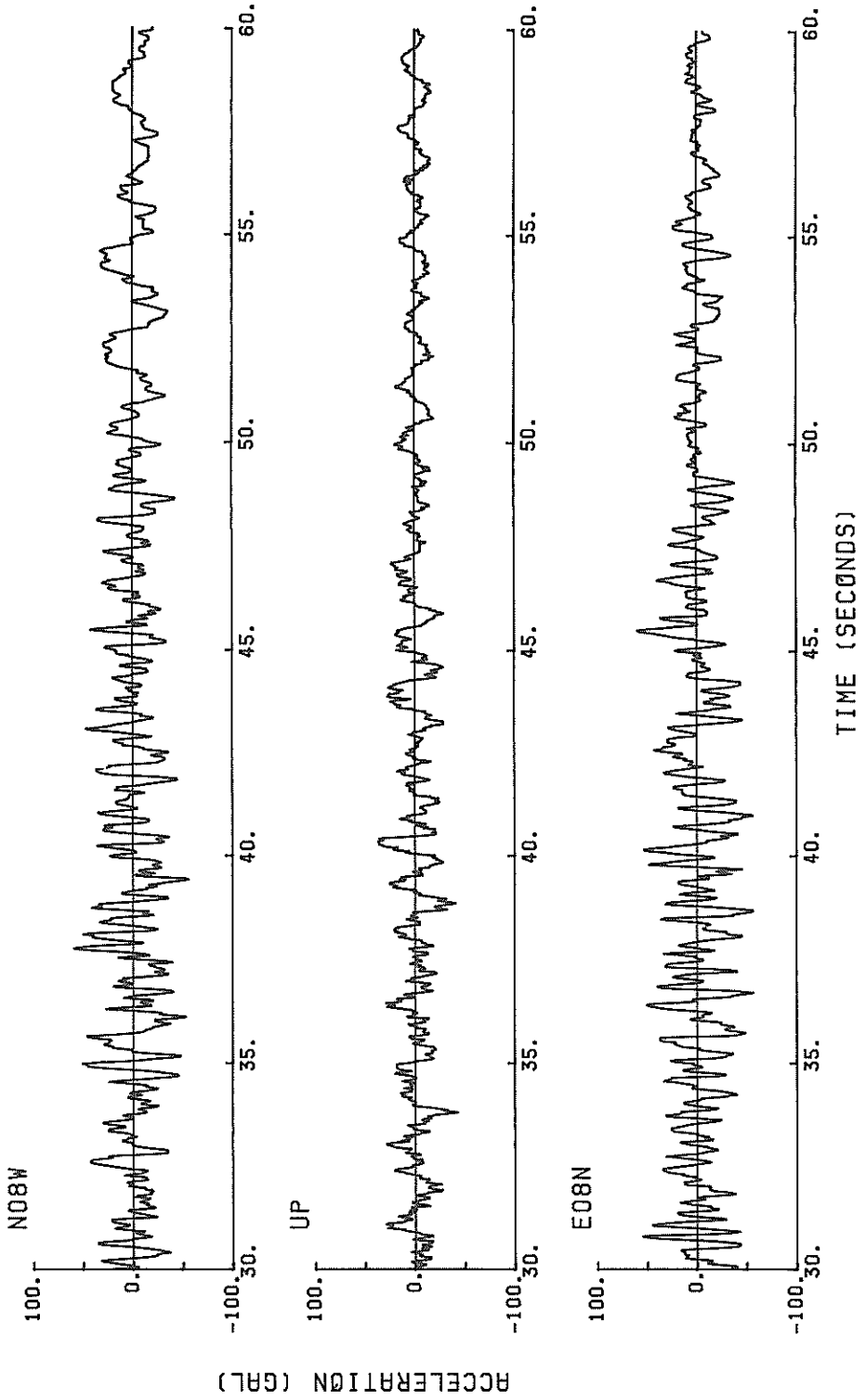
MAGNITUDE 7.7

PARAMETER OF THE VARIABLE FILTER	COMPONENT			SUM OF HORIZONTAL COMPONENT
	N08W	E08N	UP	
FC (HZ)	0.128	0.122	0.165	
MAXIMUM ACCELERATION (GAL)				
SMAC-B2 EQUIVALENT	48.4	52.6	36.2	61.0
ORIGINAL	58.6	59.3	43.9	71.7
CORRECTED	55.9	58.6	44.2	67.3
MAXIMUM VELOCITY (CM/SEC)				
FIXED FILTER	12.19	14.34	7.07	14.60
VARIABLE FILTER	13.38	14.70	6.43	14.70
MAXIMUM DISPLACEMENT (CM)				
FIXED FILTER	6.640	7.133	3.362	7.287
VARIABLE FILTER	5.518	7.141	2.522	7.373

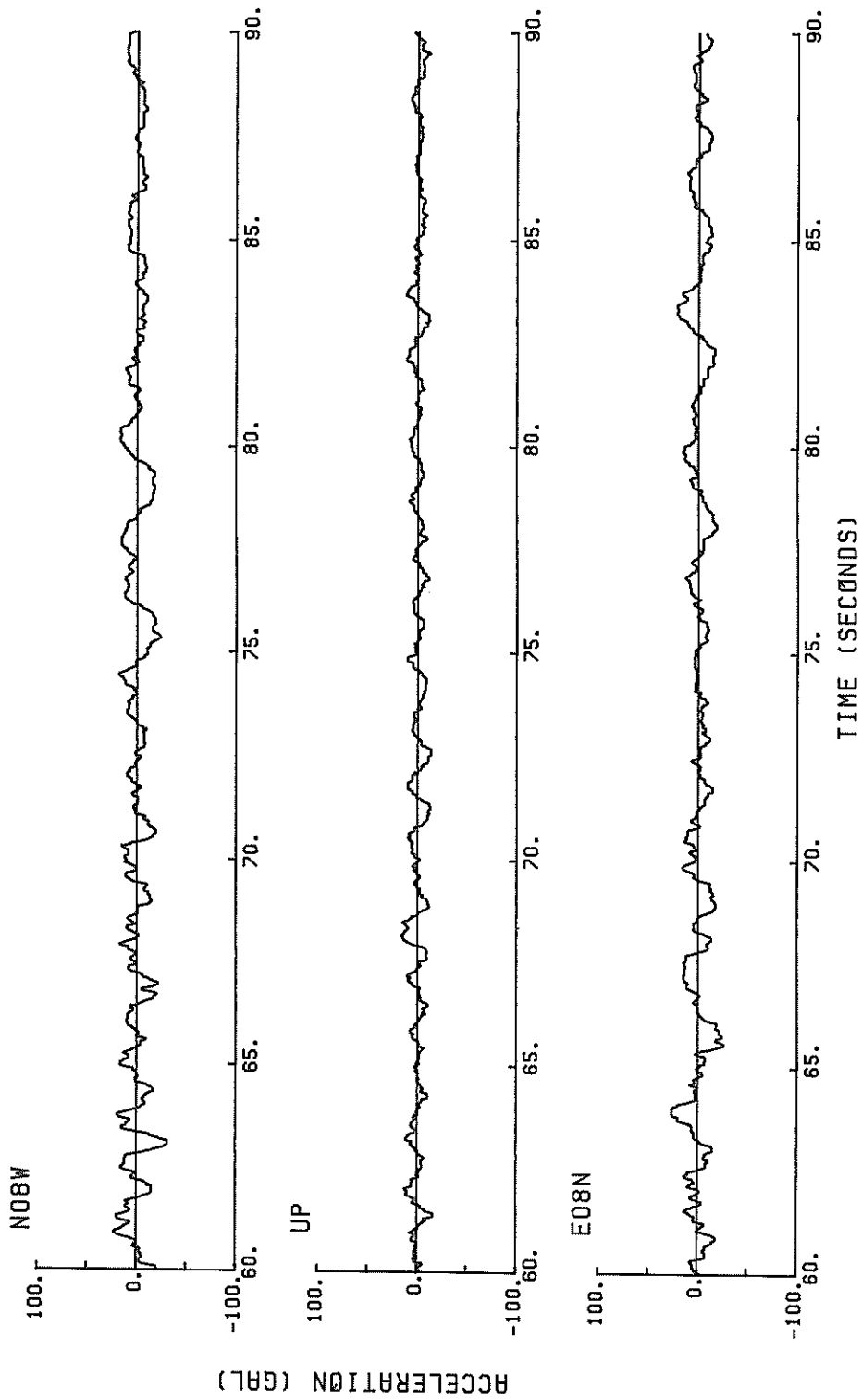
M-630 HAKODATE-M



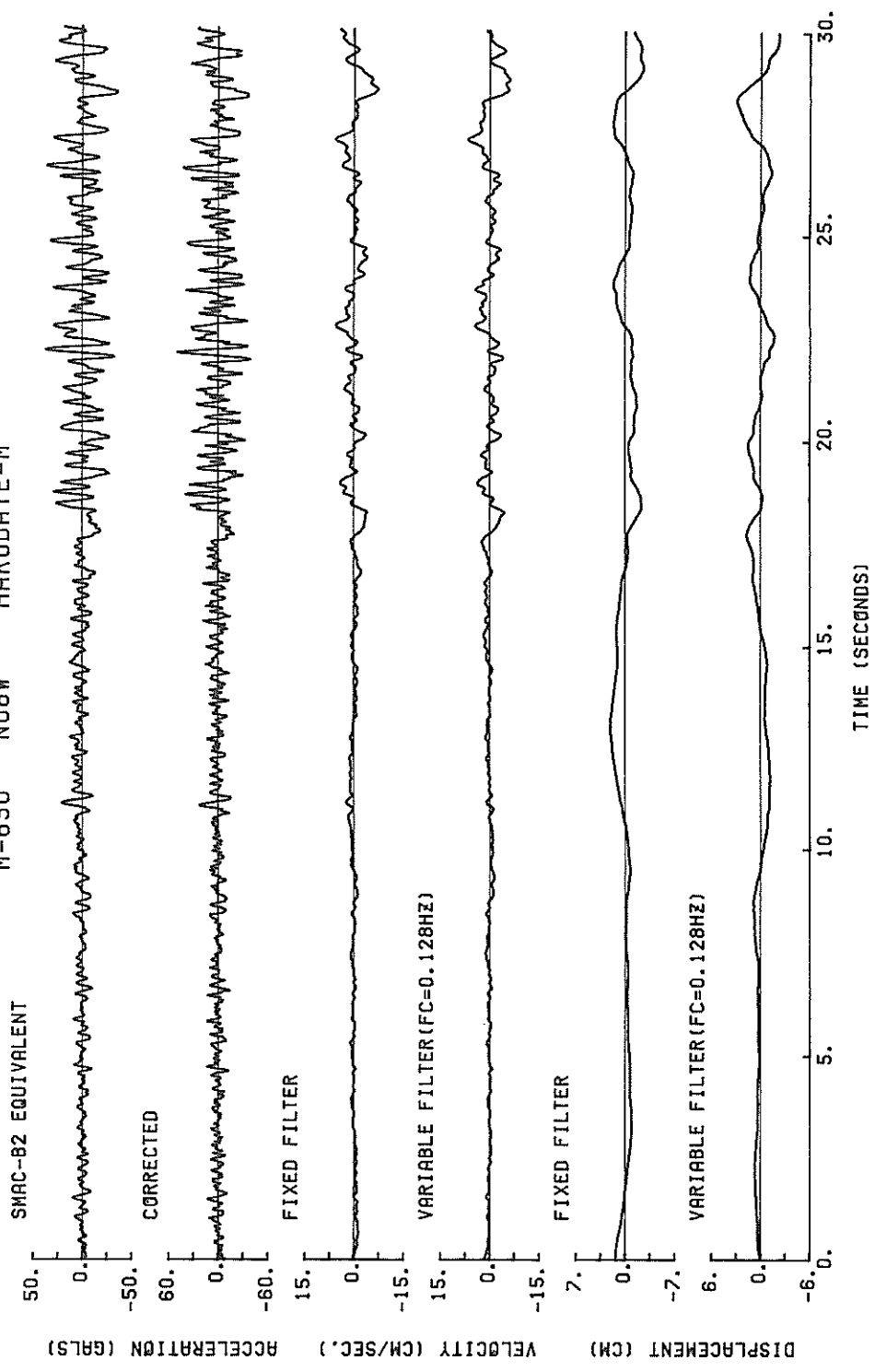
M-630 HAKODATE-M



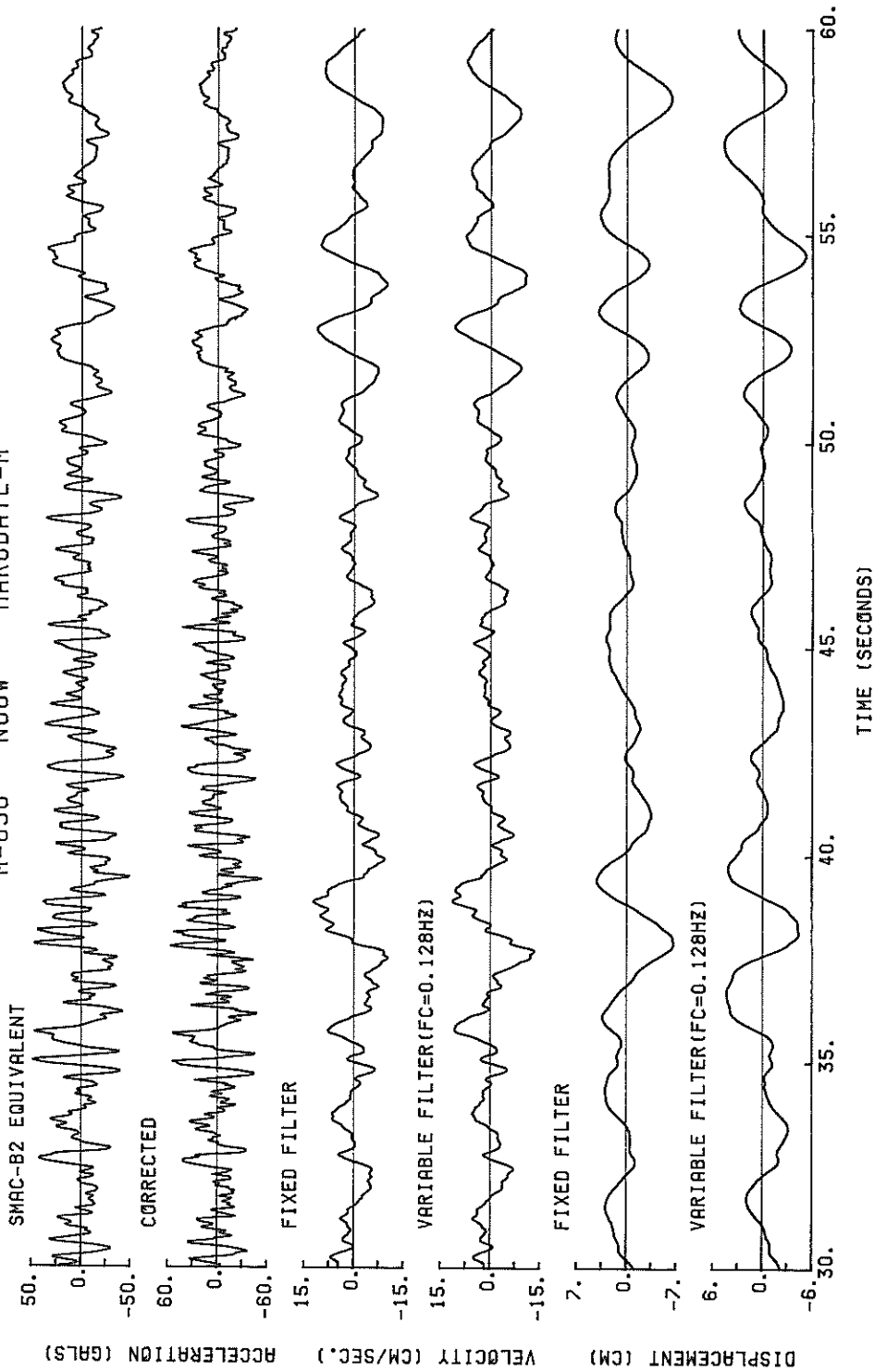
M-630 HAKODATE-M



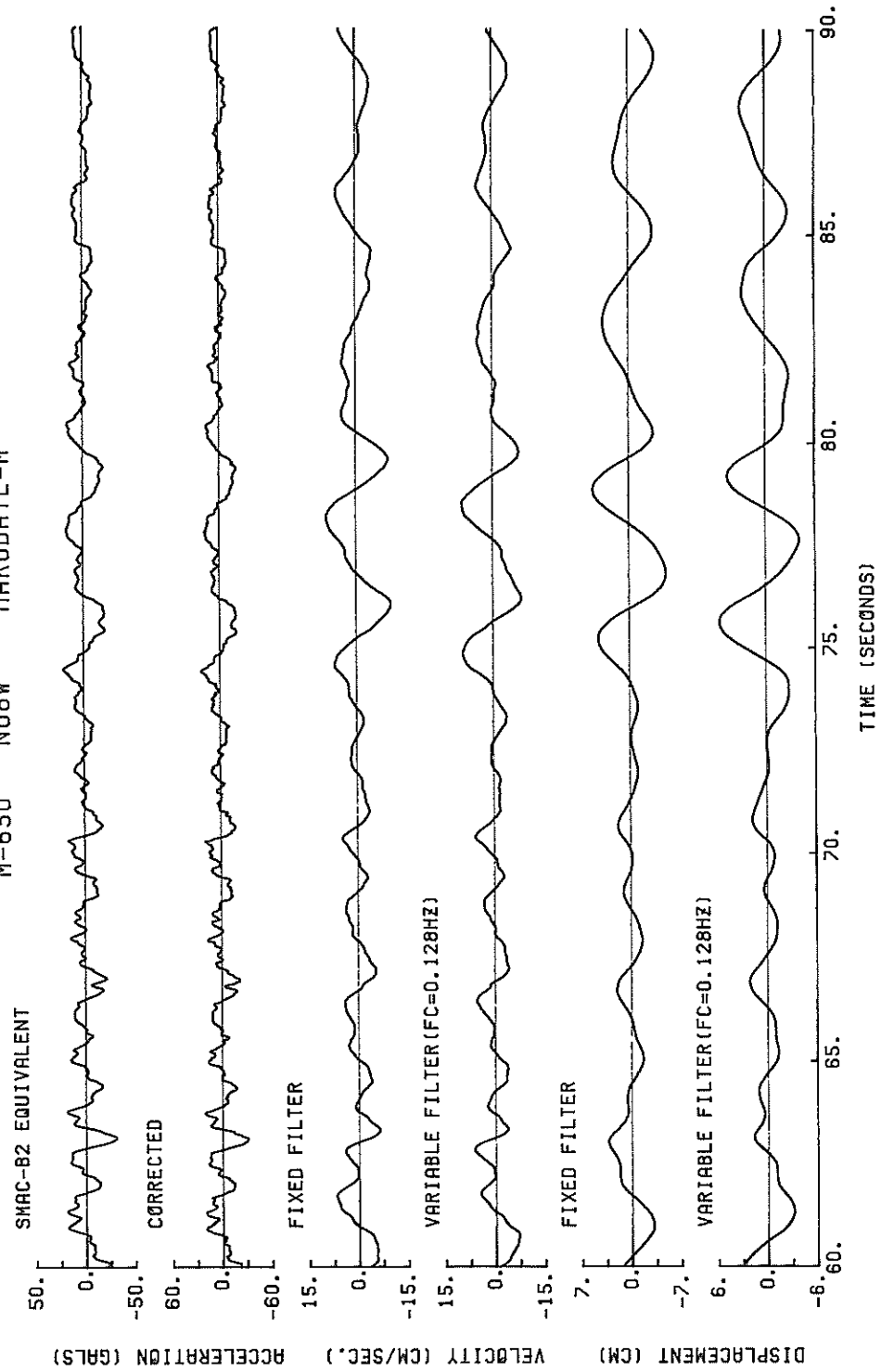
M-630 N08W HAKODATE-M



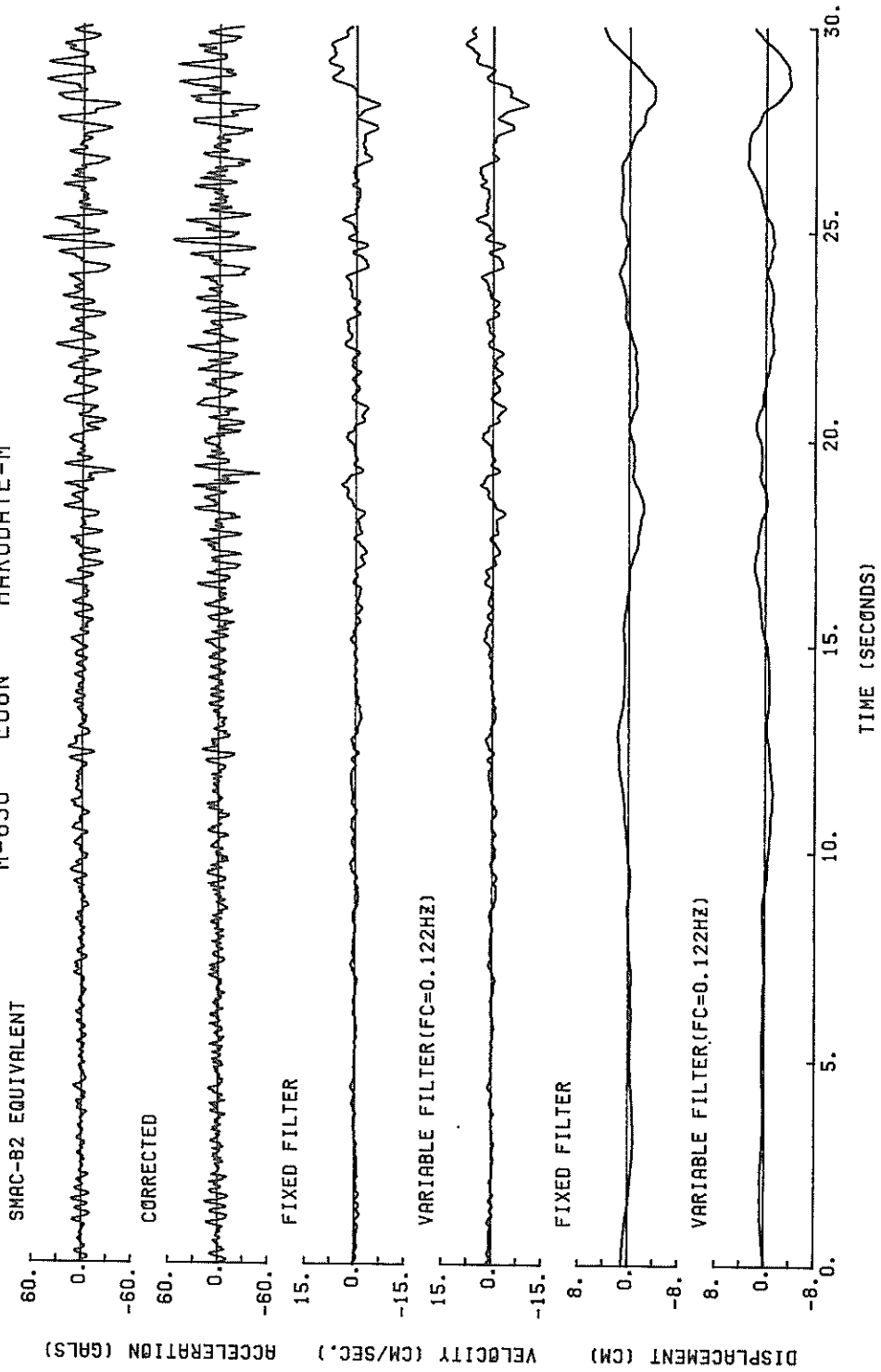
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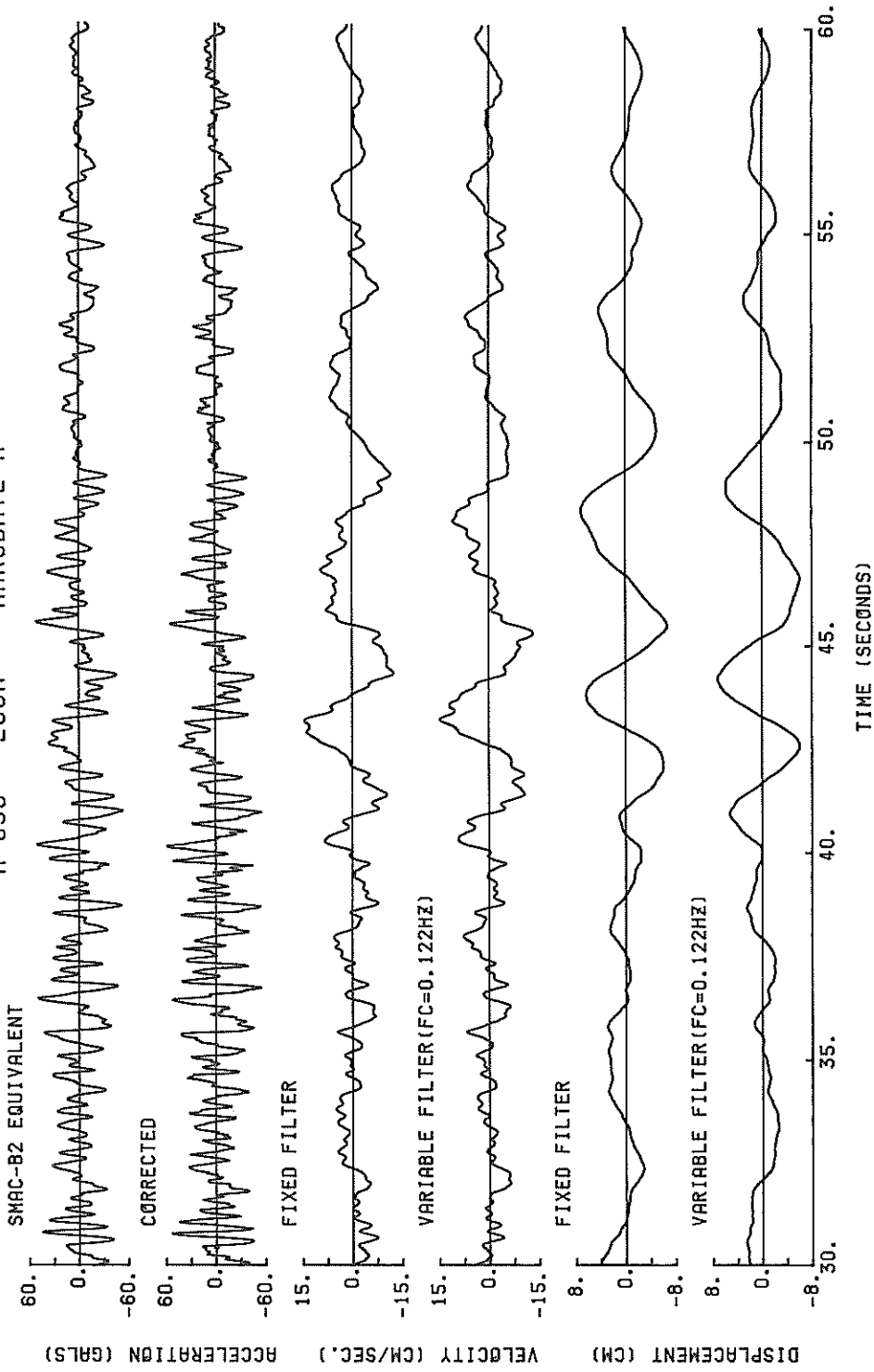
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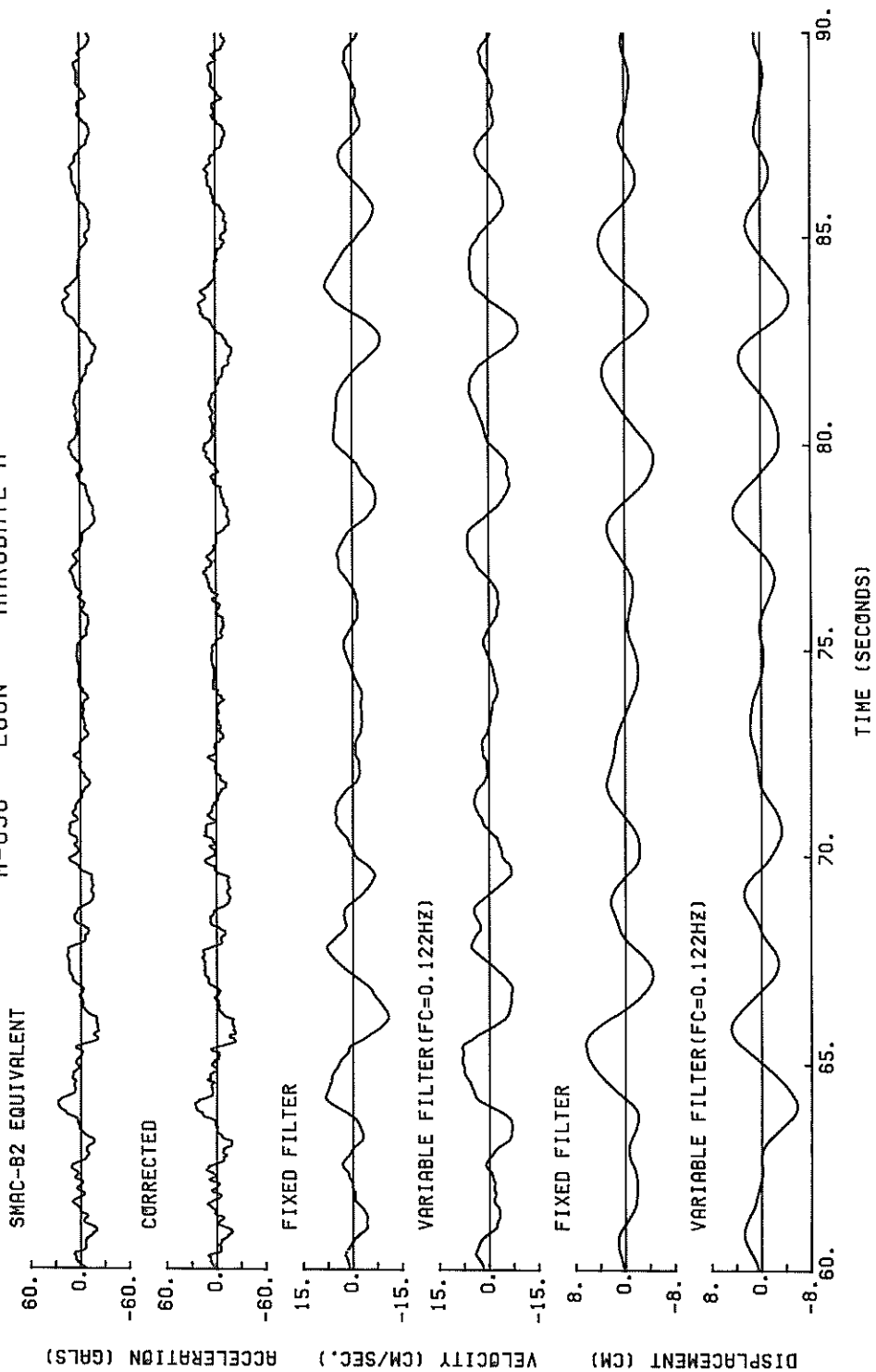
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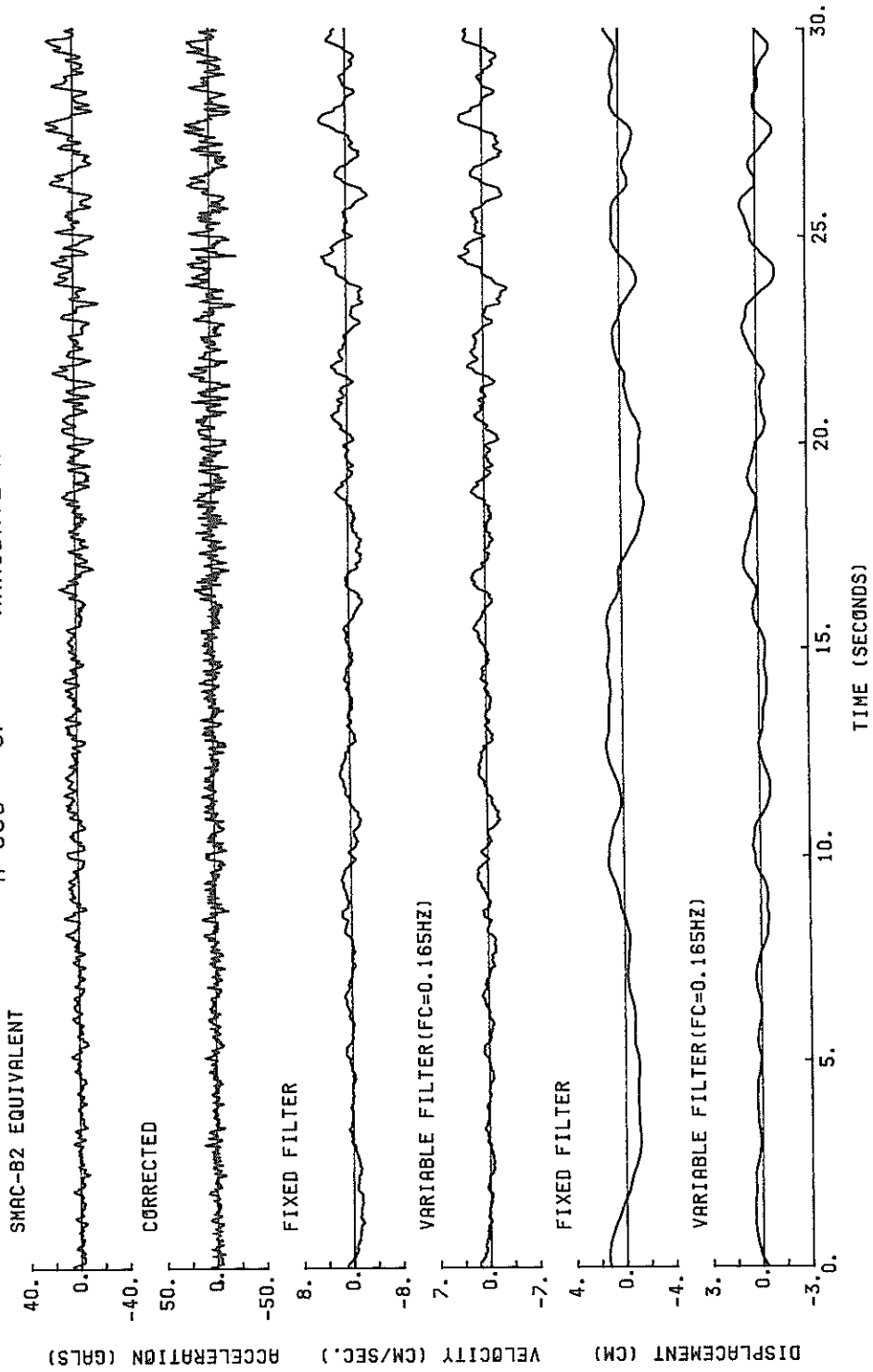
M-630 E08N HAK0DATE-M



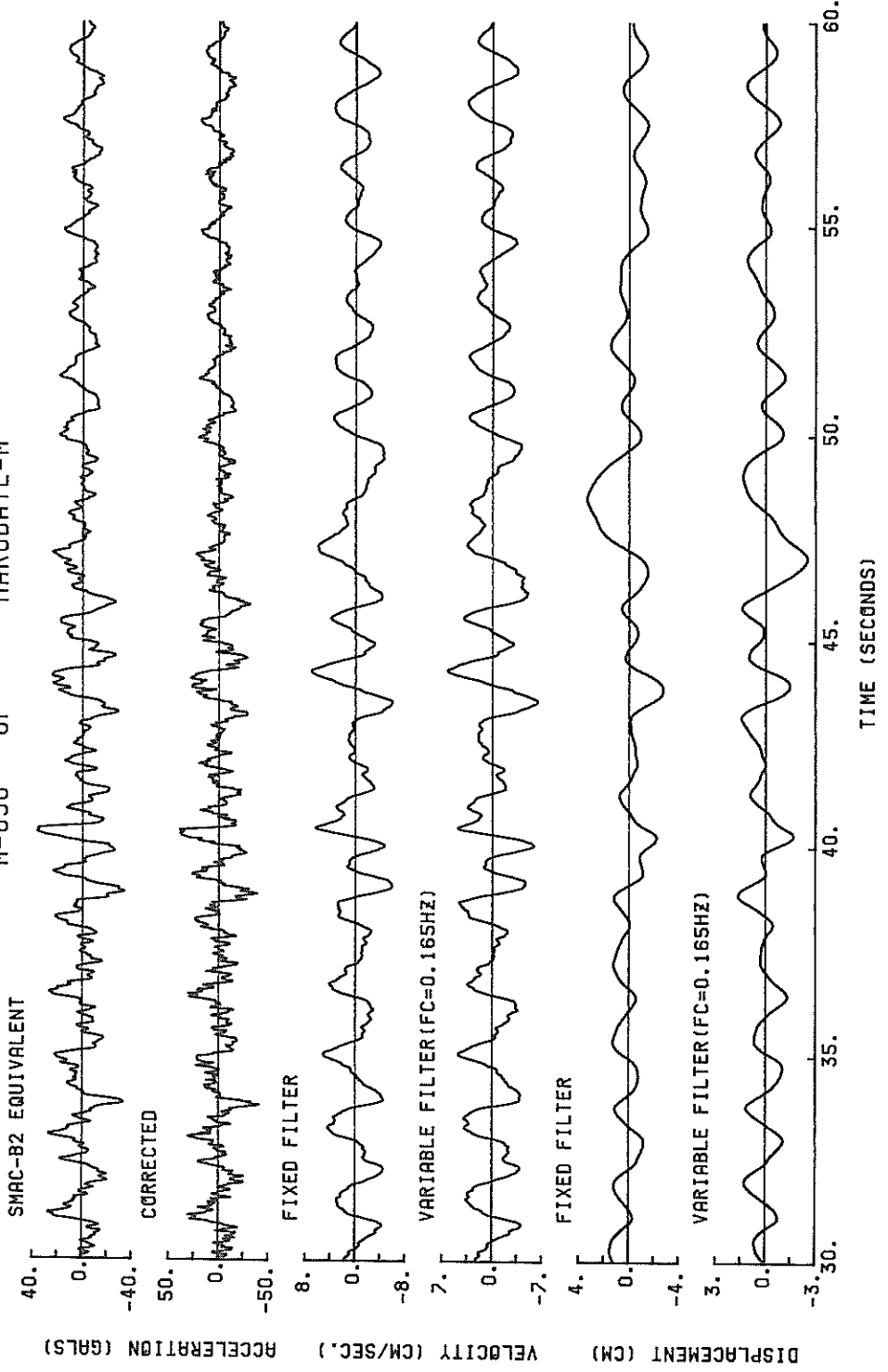
M-630 E08N HAKODATE-M



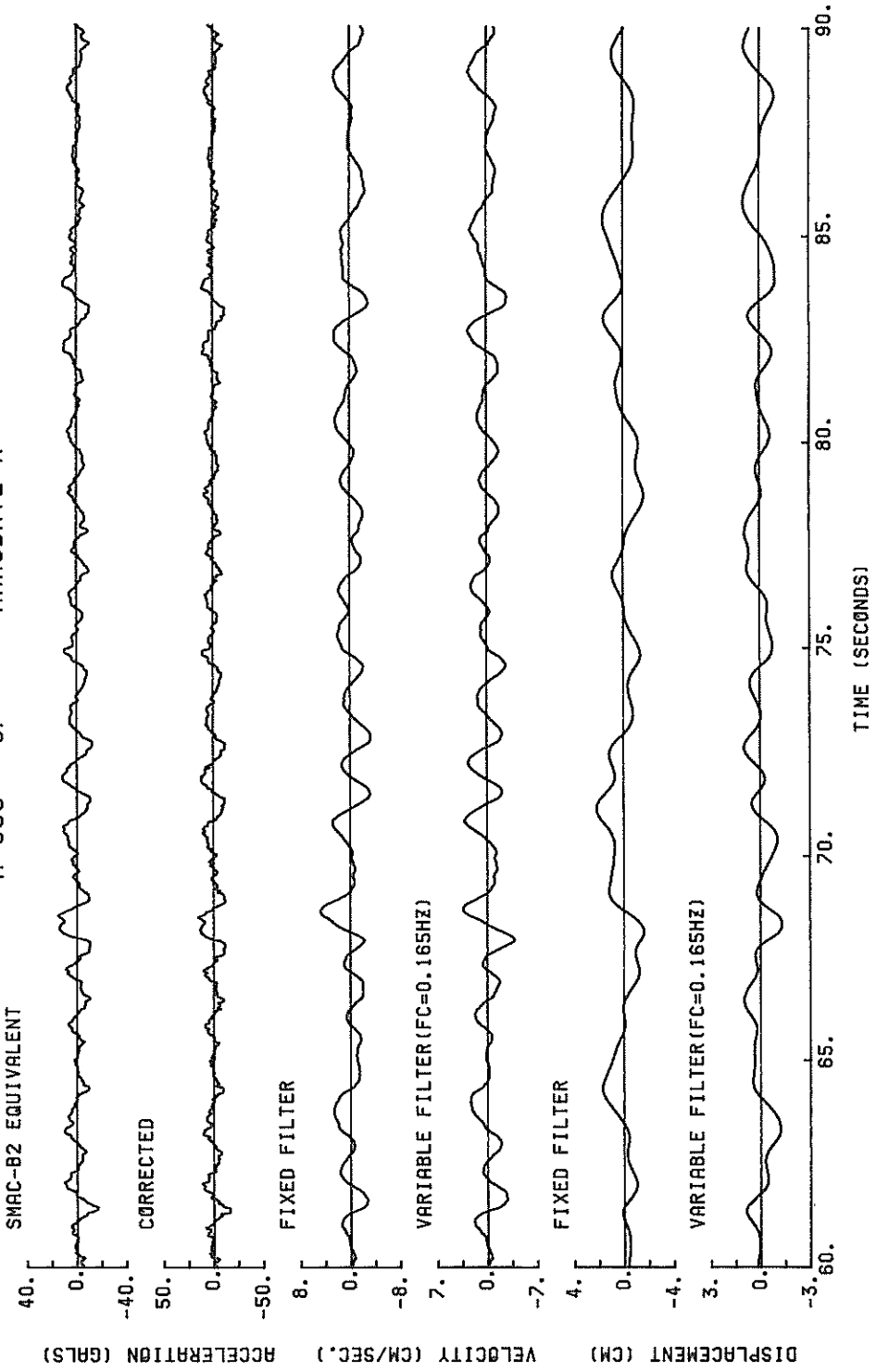
M-630 UP HAKODATE-M



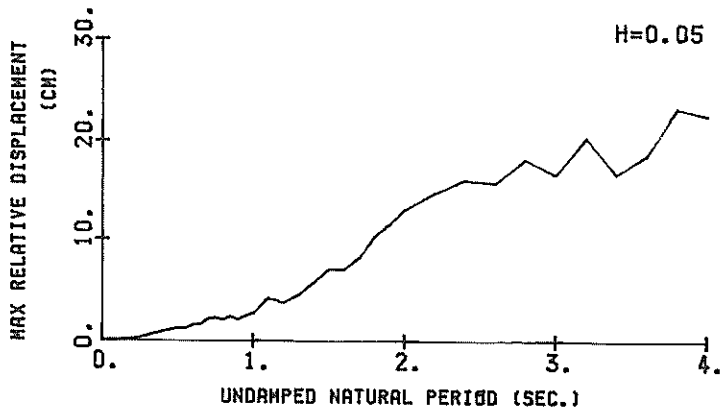
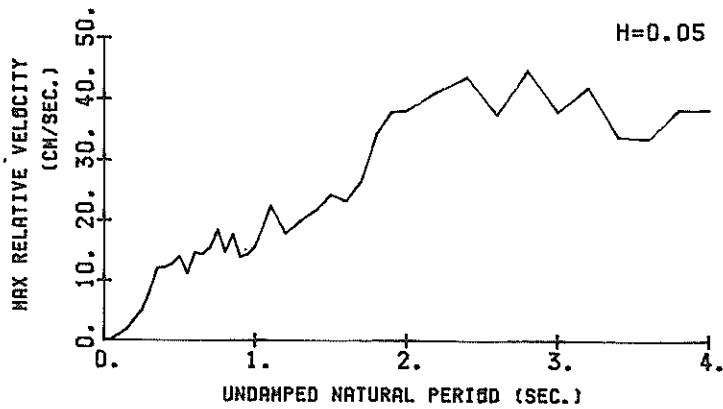
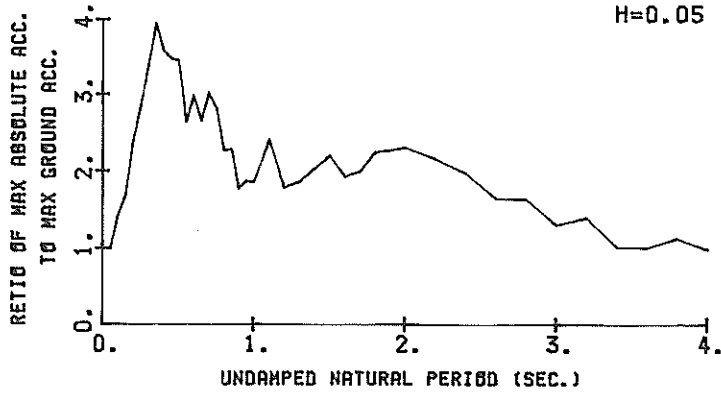
M-630 UP HAKODATE-M



M-630 UP HAKODATE-M

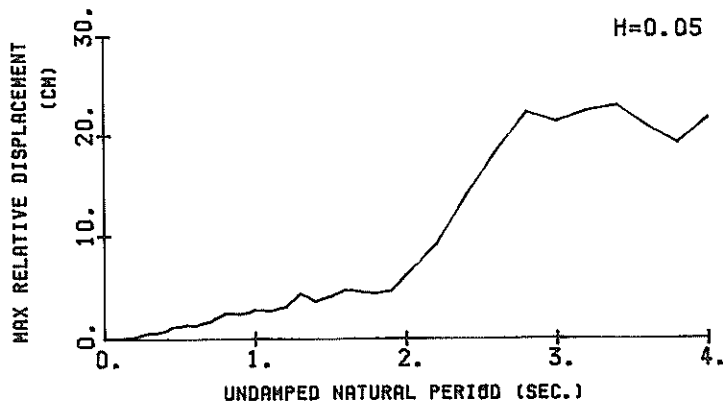
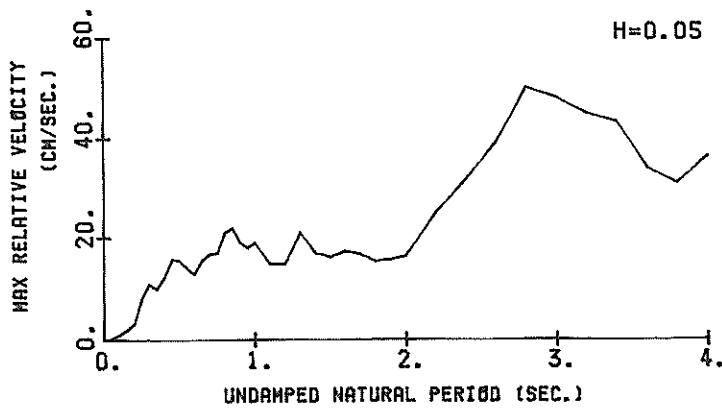
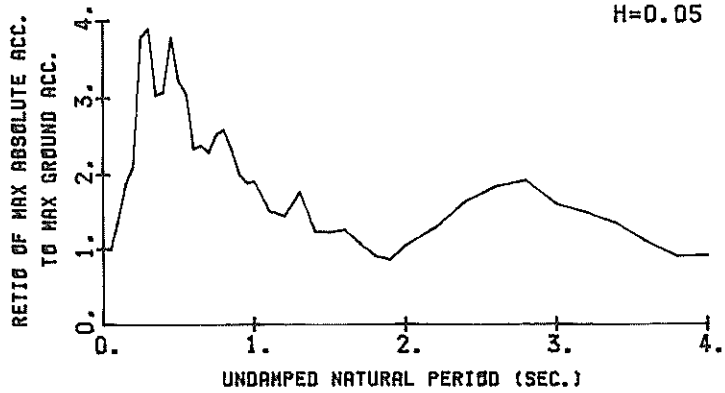


M-630 N08W HAKØDATE-M
(1/FC=7.79 SEC.)



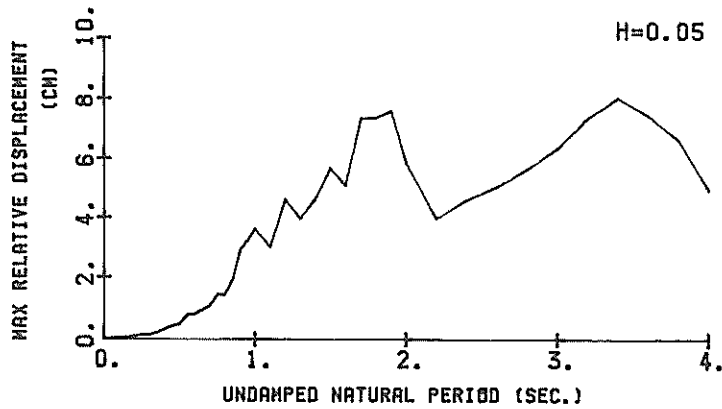
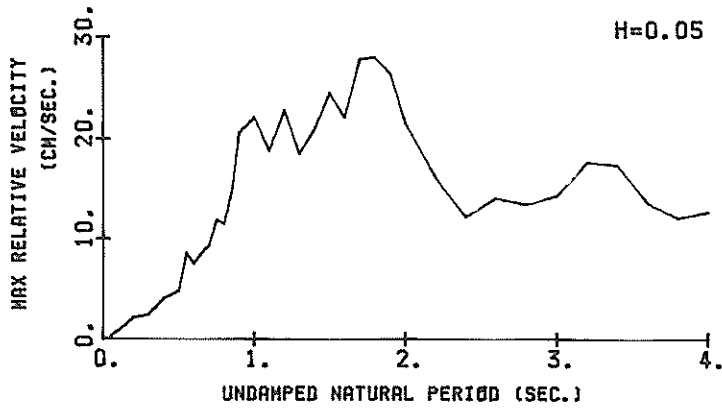
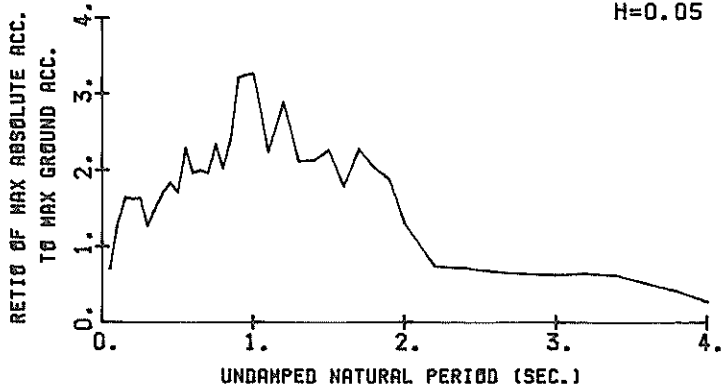
RESPONSE SPECTRA

M-630 E08N HAKODATE-M
(1/FC=8.19 SEC.)



RESPONSE SPECTRA

M-630 UP HAKØDATE-M
(1/FC=6.06 SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = N-630
 DATE AND TIME = 1983-05-26-12-00
 TIME LENGTH = 89.99 (SEC)

COMPONENT = NOB8
 SAMPRING INTERVAL = 0.0100(SEC)
 SKIPPED LENGTH = 0.00 (SEC)

SIGNAL = GR. ACC.
 CORRECTION =
 MAX-GROUND ACC. = 55.91 (GAL)

STATION = HAKODATE-M

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	67.0	0.31	0.004	56.4	0.17	0.004	55.9	0.13	0.004	54.8	0.10	0.003	53.4	0.09	0.003	53.4	0.09	0.003		
0.10	341.4	5.13	0.086	92.6	1.22	0.023	79.0	0.86	0.020	70.5	0.58	0.018	62.1	0.39	0.016	62.1	0.39	0.016		
0.15	574.6	13.53	0.327	125.5	2.78	0.072	94.3	1.80	0.052	78.5	1.31	0.044	68.0	0.90	0.038	68.0	0.90	0.038		
0.20	310.0	9.50	0.314	167.3	4.47	0.170	132.3	3.39	0.134	109.6	2.38	0.110	85.1	1.55	0.082	85.1	1.55	0.082		
0.25	604.6	23.56	0.957	200.5	6.76	0.517	158.6	5.01	0.250	121.7	3.73	0.190	82.1	2.38	0.122	82.1	2.38	0.122		
0.30	703.0	32.58	1.603	263.4	11.03	0.600	188.3	8.02	0.428	137.0	6.08	0.306	84.1	3.46	0.182	84.1	3.46	0.182		
0.35	855.3	46.83	2.654	328.2	18.23	1.017	220.7	12.06	0.681	145.3	7.34	0.443	95.2	3.88	0.277	95.2	3.88	0.277		
0.40	665.2	42.17	2.696	265.6	15.80	1.068	201.0	12.15	0.912	153.2	8.56	0.610	96.7	4.87	0.360	96.7	4.87	0.360		
0.45	212.1	13.33	1.088	225.5	14.65	1.155	194.4	12.80	0.992	143.9	9.58	0.727	91.3	5.80	0.422	91.3	5.80	0.422		
0.50	127.0	9.672	7.770	273.5	21.52	1.740	193.4	14.09	1.218	133.6	9.52	0.833	83.1	6.30	0.467	83.1	6.30	0.467		
0.55	347.6	29.69	2.663	152.9	13.30	1.171	147.5	11.16	1.126	120.6	9.26	0.912	75.6	6.55	0.526	75.6	6.55	0.526		
0.60	407.6	37.43	3.717	219.8	20.23	2.004	166.6	14.73	1.514	121.6	9.91	1.095	73.6	6.59	0.637	73.6	6.59	0.637		
0.65	614.6	62.73	6.578	220.7	20.26	2.143	148.5	14.36	1.583	112.0	10.32	1.179	74.4	6.43	0.736	74.4	6.43	0.736		
0.70	431.3	47.19	5.353	228.7	21.52	2.834	169.2	15.48	2.090	110.9	11.08	1.345	71.4	6.28	0.807	71.4	6.28	0.807		
0.75	440.3	50.38	6.273	207.5	24.84	2.954	157.6	18.34	2.235	111.5	12.50	1.564	66.4	6.51	0.874	66.4	6.51	0.874		
0.80	197.3	24.23	3.199	141.6	16.91	2.293	127.0	14.77	2.048	99.7	11.17	1.591	66.5	6.63	0.993	66.5	6.63	0.993		
0.85	389.6	49.26	6.765	175.3	24.94	3.204	127.8	17.75	2.328	85.6	11.56	1.537	65.5	6.88	1.098	65.5	6.88	1.098		
0.90	504.4	42.54	8.246	142.6	20.71	2.920	99.9	13.99	2.039	78.3	10.10	1.575	64.4	7.26	1.196	64.4	7.26	1.196		
0.95	219.4	33.17	5.016	136.0	19.29	3.058	103.2	14.37	2.393	84.6	10.50	1.893	63.1	7.79	1.288	63.1	7.79	1.288		
1.00	183.3	27.75	4.642	127.5	19.26	3.227	104.3	15.77	2.624	85.9	10.93	2.122	61.3	8.39	1.365	61.3	8.39	1.365		
1.10	508.1	88.64	15.573	190.5	33.63	5.834	134.9	22.49	4.118	93.3	15.37	2.820	59.9	9.39	1.681	59.9	9.39	1.681		
1.20	255.3	45.97	9.311	132.6	24.50	4.832	100.2	17.93	3.638	87.6	13.97	3.117	60.7	9.65	1.951	60.7	9.65	1.951		
1.30	458.6	93.59	19.633	152.3	30.78	6.511	104.2	20.03	4.642	80.2	13.41	3.350	57.3	9.23	2.101	57.3	9.23	2.101		
1.40	332.6	71.09	16.513	152.6	29.90	7.570	113.9	21.74	5.634	81.4	14.97	3.992	57.0	9.53	2.561	57.0	9.53	2.561		
1.50	201.1	43.75	11.463	150.4	30.12	8.560	123.6	24.40	7.011	92.6	17.70	5.181	59.1	10.67	3.013	59.1	10.67	3.013		
1.60	232.5	57.38	15.074	110.4	24.29	7.153	108.1	23.34	6.978	91.7	19.86	5.836	59.2	12.43	3.413	59.2	12.43	3.413		
1.70	233.7	59.88	17.109	131.1	31.50	9.458	111.9	26.58	8.158	90.1	21.95	6.500	57.4	13.93	3.809	57.4	13.93	3.809		
1.80	230.3	63.16	18.905	161.0	45.04	13.198	125.9	34.31	10.293	95.7	24.51	7.739	59.5	15.12	4.469	59.5	15.12	4.469		
1.90	267.8	78.73	24.492	168.8	48.22	15.419	127.4	38.03	11.590	95.6	27.33	8.945	61.5	15.96	5.062	61.5	15.96	5.062		
2.00	305.2	94.86	30.921	168.1	51.70	17.018	129.6	38.20	13.076	98.9	28.81	9.834	61.7	16.54	5.567	61.7	16.54	5.567		
2.20	329.1	113.60	40.349	164.2	57.02	20.103	121.1	41.23	14.777	95.9	30.99	11.523	57.8	17.75	6.308	57.8	17.75	6.308		
2.40	213.7	82.49	31.283	139.4	54.84	20.317	110.9	43.58	16.097	86.7	33.17	12.078	51.9	19.12	6.603	51.9	19.12	6.603		
2.60	194.5	80.99	33.297	114.8	46.92	19.636	94.6	37.47	15.776	70.2	32.30	11.786	44.4	19.65	6.564	44.4	19.65	6.564		
2.80	338.5	151.07	67.220	141.9	66.78	28.143	92.1	44.69	18.164	65.3	29.31	12.586	38.6	18.94	6.748	38.6	18.94	6.748		
3.00	228.2	108.26	52.027	97.0	48.49	22.084	73.5	37.92	16.637	55.4	29.44	12.376	36.8	17.69	7.177	36.8	17.69	7.177		
3.20	192.8	98.87	50.004	107.9	57.64	27.955	78.8	41.86	20.342	55.3	28.59	14.055	34.6	18.22	7.935	34.6	18.22	7.935		
3.40	109.6	61.69	32.101	76.1	42.90	22.257	57.4	33.92	16.683	49.8	26.57	14.249	33.5	18.50	8.569	33.5	18.50	8.569		
3.60	146.4	83.91	48.060	69.9	42.53	22.935	56.7	33.47	18.523	47.8	25.94	15.328	31.6	18.52	8.957	31.6	18.52	8.957		
3.80	87.0	54.99	31.813	78.9	48.02	28.843	64.0	38.50	23.280	40.5	28.75	16.582	29.2	18.51	9.092	29.2	18.51	9.092		
4.00	165.2	109.87	66.966	77.6	49.84	31.400	55.9	38.30	22.539	40.8	29.49	16.084	26.4	17.80	9.070	26.4	17.80	9.070		

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	93.8	0.58	0.006	61.2	0.18	0.004	58.4	0.15	0.004	55.6	0.13	0.004	53.2	0.10	0.003					
0.10	201.2	3.05	0.051	95.0	1.02	0.024	80.9	0.83	0.020	71.8	0.71	0.018	65.6	0.53	0.016					
0.15	373.5	13.55	0.327	127.9	2.48	0.073	110.5	1.83	0.062	96.2	1.37	0.055	77.1	1.11	0.042					
0.20	599.7	18.14	0.608	155.2	4.33	0.157	123.3	3.03	0.124	100.7	2.33	0.101	84.5	1.93	0.079					
0.25	856.4	33.50	1.356	316.8	11.78	0.349	221.8	8.09	0.349	144.6	5.15	0.225	94.3	3.05	0.138					
0.30	713.5	32.77	1.627	295.4	13.46	0.674	228.4	10.76	0.517	170.8	7.60	0.382	100.4	4.15	0.209					
0.35	1030.7	56.50	3.198	328.1	12.81	0.707	177.5	9.82	0.547	139.7	7.71	0.424	94.2	4.74	0.264					
0.40	639.6	40.26	2.592	340.7	15.35	0.974	180.2	12.04	0.728	126.5	8.45	0.502	85.8	5.01	0.313					
0.45	803.2	58.36	4.120	315.1	21.98	1.615	215.7	15.72	1.132	145.1	10.47	0.733	87.4	5.88	0.313					
0.50	489.1	38.89	3.097	263.5	21.53	1.668	189.6	15.54	1.152	141.0	10.39	0.879	85.9	5.88	0.313					
0.55	422.5	37.24	3.237	200.7	16.42	1.537	179.3	14.04	1.368	134.7	10.57	1.016	82.4	6.37	0.586					
0.60	257.4	24.59	2.348	149.7	13.62	1.361	137.1	12.76	1.244	109.8	10.55	0.986	79.1	6.45	0.664					
0.65	415.0	41.84	4.441	170.9	18.37	1.828	139.3	15.47	1.484	103.9	11.57	1.085	75.2	6.58	0.739					
0.70	443.6	48.28	5.506	180.6	21.34	2.240	134.1	16.73	1.654	105.6	13.04	1.278	73.0	7.34	0.819					
0.75	311.6	36.88	4.440	179.4	22.70	2.553	127.9	16.89	2.039	113.2	13.04	1.259	69.1	8.43	0.895					
0.80	270.5	37.70	4.385	188.5	25.93	3.051	150.9	20.87	2.434	108.2	15.82	1.708	66.3	9.30	0.957					
0.85	363.0	50.57	6.643	174.0	26.94	3.180	135.8	21.91	2.473	104.7	16.77	1.879	65.5	9.78	1.065					
0.90	319.0	44.26	6.545	153.8	21.65	3.150	118.1	19.21	2.406	98.5	16.02	1.974	63.0	9.79	1.141					
0.95	272.7	40.64	6.233	134.1	22.56	3.063	110.5	17.96	2.510	91.0	14.59	2.026	59.5	9.43	1.183					
1.00	436.0	68.45	11.043	151.0	24.94	3.818	112.1	19.07	2.821	81.1	14.04	1.997	55.4	8.86	1.193					
1.10	231.5	39.84	7.097	119.1	19.98	3.676	88.5	14.84	2.702	60.0	11.56	1.814	48.6	8.89	1.314					
1.20	252.8	46.24	9.220	110.2	19.40	4.073	84.6	14.76	3.072	60.3	12.21	2.382	48.4	8.91	1.580					
1.30	362.7	75.99	15.525	148.0	31.57	6.328	103.5	21.17	4.407	72.5	13.56	3.028	49.3	9.12	1.865					
1.40	159.4	35.37	7.912	20.30	91.2	4.531	72.3	17.06	3.572	59.7	13.23	2.903	48.4	9.25	2.065					
1.50	101.5	23.26	5.784	89.4	20.50	5.089	71.9	16.19	4.083	51.8	13.00	2.928	45.9	9.12	2.226					
1.60	237.1	58.76	15.376	109.1	25.44	7.067	73.7	17.37	4.756	50.8	13.42	3.262	43.3	9.25	2.506					
1.70	153.9	41.02	11.264	80.2	22.01	5.864	63.0	16.77	4.599	49.5	13.18	3.555	41.0	9.50	2.838					
1.80	162.6	46.77	13.343	62.2	18.36	5.095	53.4	15.34	4.359	48.5	13.09	3.914	41.7	9.59	3.173					
1.90	168.8	48.56	15.255	64.8	20.35	5.923	50.8	15.70	4.631	46.8	12.54	4.191	43.2	10.22	3.522					
2.00	89.6	27.46	9.077	72.7	20.42	7.337	61.2	16.48	6.176	48.6	12.72	4.860	42.6	10.96	3.891					
2.20	208.1	73.21	25.513	96.9	32.08	11.876	75.3	25.03	9.206	58.1	18.49	6.963	46.1	12.66	5.090					
2.40	283.0	107.77	41.286	113.7	41.03	16.578	96.0	31.85	13.950	75.0	24.32	10.733	50.1	14.14	6.435					
2.60	199.7	83.31	34.189	125.2	48.10	21.471	108.0	39.27	18.399	83.1	29.00	13.951	50.8	16.26	7.641					
2.80	254.2	113.05	50.685	145.2	63.81	28.799	112.8	50.42	22.296	82.7	35.31	16.141	48.0	18.50	8.651					
3.00	203.8	99.51	46.655	113.2	57.17	25.783	94.3	48.43	21.389	76.1	36.25	16.595	45.6	20.27	9.387					
3.20	223.6	115.37	58.524	126.5	65.75	32.756	87.1	45.27	22.405	68.6	38.47	16.841	42.7	21.85	9.876					
3.40	223.0	128.45	65.287	101.8	56.40	29.768	79.0	43.60	20.990	58.6	33.97	16.977	39.2	22.59	10.213					
3.60	136.7	78.23	44.886	84.0	47.04	27.545	64.0	34.25	20.888	36.1	28.94	16.476	36.1	22.50	10.642					
3.80	73.0	45.46	26.703	57.4	34.62	20.959	52.8	31.04	19.201	43.6	24.92	15.562	33.3	21.92	11.132					
4.00	127.3	83.96	51.584	73.3	49.22	29.682	53.9	36.59	21.719	44.2	26.30	17.500	32.0	21.46	11.505					

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

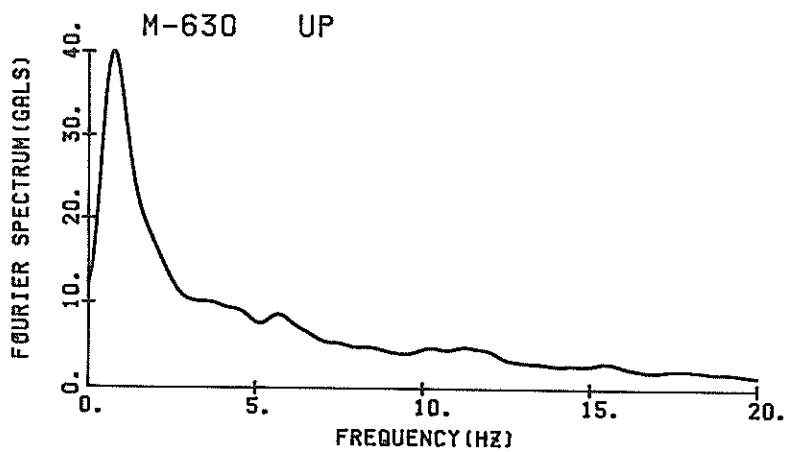
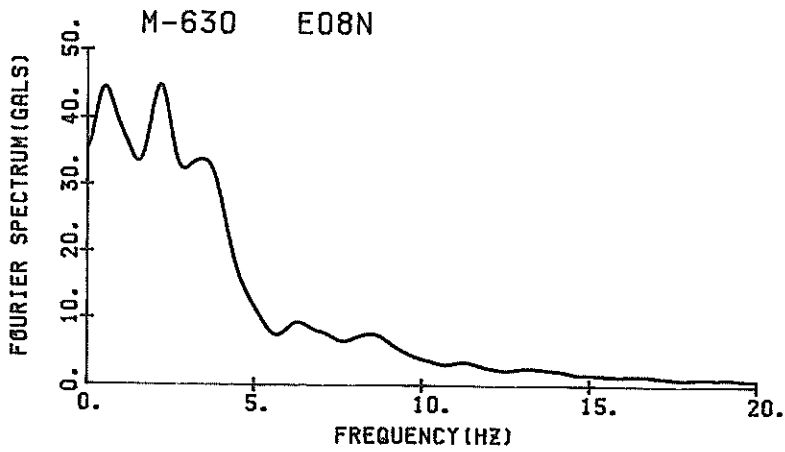
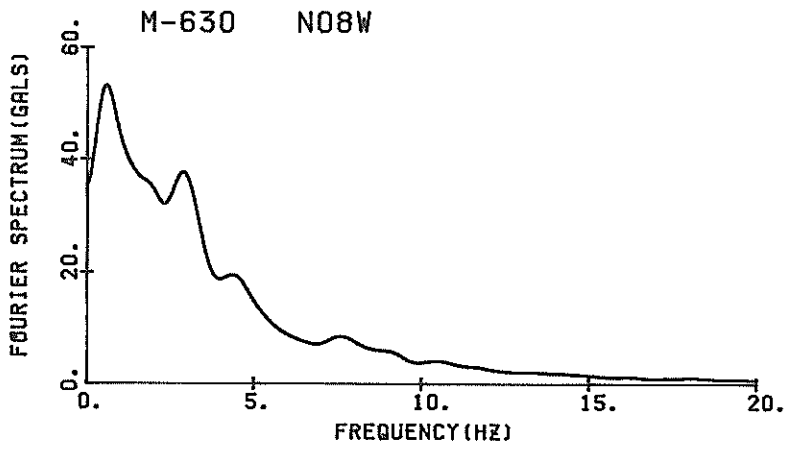
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COMPONENT = UP
 SIGNAL = GR. ACC.
 CORRECTION =
 SAMPRING INTERVAL = 0.0100(SEC)
 MAX.GROUND ACC. = 44.16 (GAL)

STATION = HAKODATE-M
 MAX.GROUND ACC. = 44.16 (GAL)

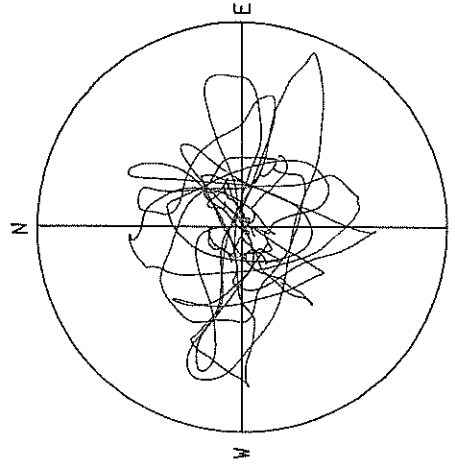
PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	117.1	0.87	0.007	36.8	0.27	0.002	31.5	0.21	0.002	28.6	0.15	0.002	27.2	0.10	0.002
0.10	312.4	4.87	0.079	80.9	1.09	0.021	56.8	0.77	0.014	49.0	0.58	0.012	47.6	0.34	0.012
0.15	350.4	8.00	0.200	95.5	1.71	0.055	72.9	1.37	0.041	59.9	1.10	0.034	46.8	0.80	0.026
0.20	450.0	13.80	0.456	89.5	2.73	0.091	71.8	2.12	0.072	52.4	1.45	0.053	47.3	0.80	0.046
0.25	408.7	16.07	0.647	87.8	2.94	0.139	72.1	2.22	0.114	59.0	1.57	0.093	46.2	1.12	0.070
0.30	657.0	21.12	1.042	76.3	3.19	0.169	56.3	3.42	0.128	48.6	1.82	0.110	42.4	1.50	0.093
0.35	355.9	17.91	1.042	85.9	4.32	0.266	66.5	3.99	0.206	52.5	2.40	0.161	41.2	1.86	0.126
0.40	156.9	7.04	0.555	89.0	4.95	0.341	75.0	4.02	0.303	59.9	3.08	0.241	44.6	2.20	0.177
0.45	169.1	10.21	0.821	106.8	6.37	0.547	81.4	4.37	0.416	58.7	2.92	0.298	49.5	2.71	0.246
0.50	335.4	26.15	2.124	101.3	6.76	0.641	75.5	4.80	0.477	66.5	4.10	0.417	53.5	3.35	0.325
0.55	363.9	30.30	2.788	138.9	12.13	1.064	101.4	8.66	0.773	72.9	5.93	0.549	55.7	3.99	0.407
0.60	230.8	21.46	2.105	195.9	9.72	0.965	87.1	7.48	0.791	67.2	6.16	0.601	56.6	4.53	0.493
0.65	211.7	20.48	2.258	122.3	11.83	1.306	88.3	8.59	0.941	67.6	6.66	0.712	57.9	5.08	0.591
0.70	140.1	14.64	1.759	98.3	9.65	1.219	80.9	9.28	1.073	59.7	7.34	0.848	60.3	5.69	0.708
0.75	203.7	23.62	2.902	137.5	16.32	1.957	103.6	11.96	1.466	74.9	9.03	1.057	63.4	6.34	0.843
0.80	232.3	28.91	3.766	107.3	13.15	1.736	89.6	11.53	1.446	82.6	10.59	1.322	66.5	6.95	0.989
0.85	208.2	27.01	3.810	121.1	16.75	2.213	107.0	14.75	1.947	93.9	12.54	1.693	68.7	7.41	1.136
0.90	360.9	49.64	7.405	180.8	26.78	3.706	141.8	20.54	2.894	107.0	14.62	2.155	69.4	7.63	1.265
0.95	212.4	31.61	4.856	158.0	24.30	3.607	143.3	21.29	3.259	110.7	15.37	2.474	68.2	7.98	1.363
1.00	359.3	56.32	9.192	185.5	29.17	4.693	144.1	22.08	3.632	106.2	15.51	2.627	65.1	8.57	1.421
1.10	387.4	66.63	11.873	124.7	20.07	3.819	99.1	18.80	3.020	83.1	15.75	2.486	54.9	9.12	1.422
1.20	627.8	119.25	22.899	175.8	32.55	6.404	127.6	22.81	4.634	85.4	14.89	3.057	47.3	9.20	1.538
1.30	208.6	42.86	3.930	97.6	19.47	4.174	93.5	18.49	3.981	77.7	15.43	3.252	44.5	8.58	1.695
1.40	304.1	67.64	5.100	114.1	24.72	5.661	94.1	20.87	4.648	71.0	16.50	3.446	42.2	9.33	1.885
1.50	352.5	84.03	20.091	146.3	34.58	8.326	109.0	24.48	5.672	65.0	17.01	3.618	41.2	10.00	2.119
1.60	233.7	60.05	15.156	109.8	29.60	7.112	79.1	22.10	5.104	60.1	15.96	3.810	40.9	10.41	2.350
1.70	259.3	69.90	18.995	140.9	37.60	10.299	100.5	27.76	7.312	64.3	17.41	4.297	40.0	10.47	2.562
1.80	312.1	92.77	23.616	142.0	42.21	11.638	89.9	27.95	7.558	57.4	17.55	4.591	38.4	10.14	2.679
1.90	199.7	59.96	18.261	110.6	34.37	10.081	83.3	26.38	7.571	56.2	17.73	5.011	35.8	9.34	2.746
2.00	36.3	31.18	9.740	66.6	25.33	6.734	53.0	21.56	5.836	46.4	16.42	4.572	32.6	9.57	2.732
2.20	109.3	38.10	13.420	41.3	18.32	5.059	32.8	16.20	3.989	29.1	13.97	3.433	25.7	9.69	2.546
2.60	58.2	23.56	8.495	37.2	15.60	5.416	31.7	12.23	4.591	25.5	11.50	3.631	20.2	9.25	2.381
2.80	108.1	45.68	18.513	37.9	17.46	6.480	29.6	14.18	5.032	23.0	10.88	3.824	17.7	8.74	2.553
2.80	49.1	23.68	9.744	32.5	16.04	6.400	28.7	13.52	5.649	22.4	10.87	4.500	16.1	8.44	2.663
3.00	51.1	25.44	11.649	30.3	15.77	6.892	28.0	14.53	6.346	22.2	11.90	4.900	14.4	8.41	2.719
3.20	36.4	24.46	22.402	39.6	22.45	10.258	28.5	17.71	7.341	19.9	13.34	5.084	12.8	8.56	2.796
3.40	40.5	24.42	11.876	33.2	20.22	9.695	27.5	17.42	8.012	23.2	13.29	5.783	11.8	8.77	3.113
3.60	27.4	18.04	9.001	35.0	20.64	8.419	22.9	13.62	7.444	18.2	11.52	5.756	11.5	8.93	3.281
3.80	30.9	18.72	11.287	21.7	14.16	7.928	18.3	12.15	6.639	15.0	11.07	5.254	10.9	8.99	3.318
4.00	38.9	27.53	15.772	15.5	14.55	6.272	12.4	12.70	4.970	11.6	10.93	4.479	10.0	8.93	3.274

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



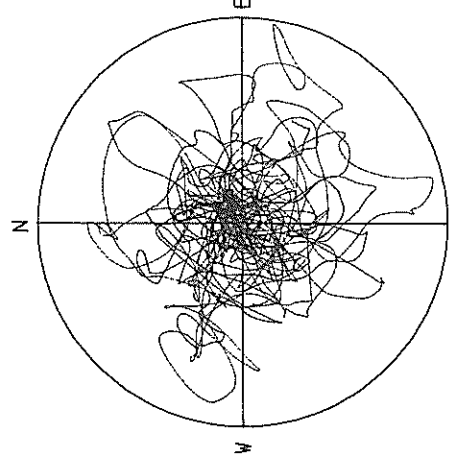
FOURIER SPECTRA

M-630 HAKØDATE-M



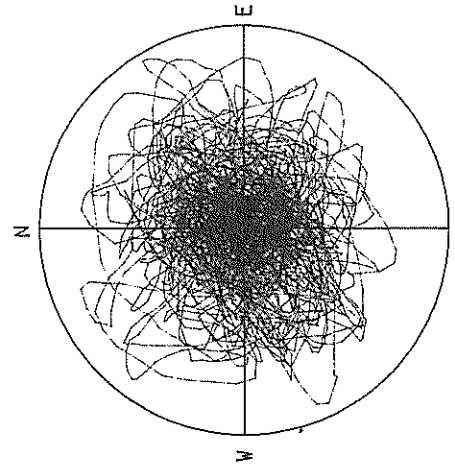
ACCELERATION
R=70.0 GAL
MAX=67.3 GAL

M-630 HAKØDATE-M



VELOCITY
R=15.0 CM/SEC.
MAX=14.7 CM/SEC.

M-630 HAKØDATE-M



DISPLACEMENT
R=8.00 CM
MAX=7.37 CM

LØCI ØF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

RECORD NUMBER S-1568
 STATION SAKATA-S

EARTHQUAKE DATA

DATA AND TIME 12:00 MAY 28, 1983

LOCATION OF HYPOCENTER

EPCENTRAL REGION W OFF N TOHOKU

LATITUDE 40.357°N

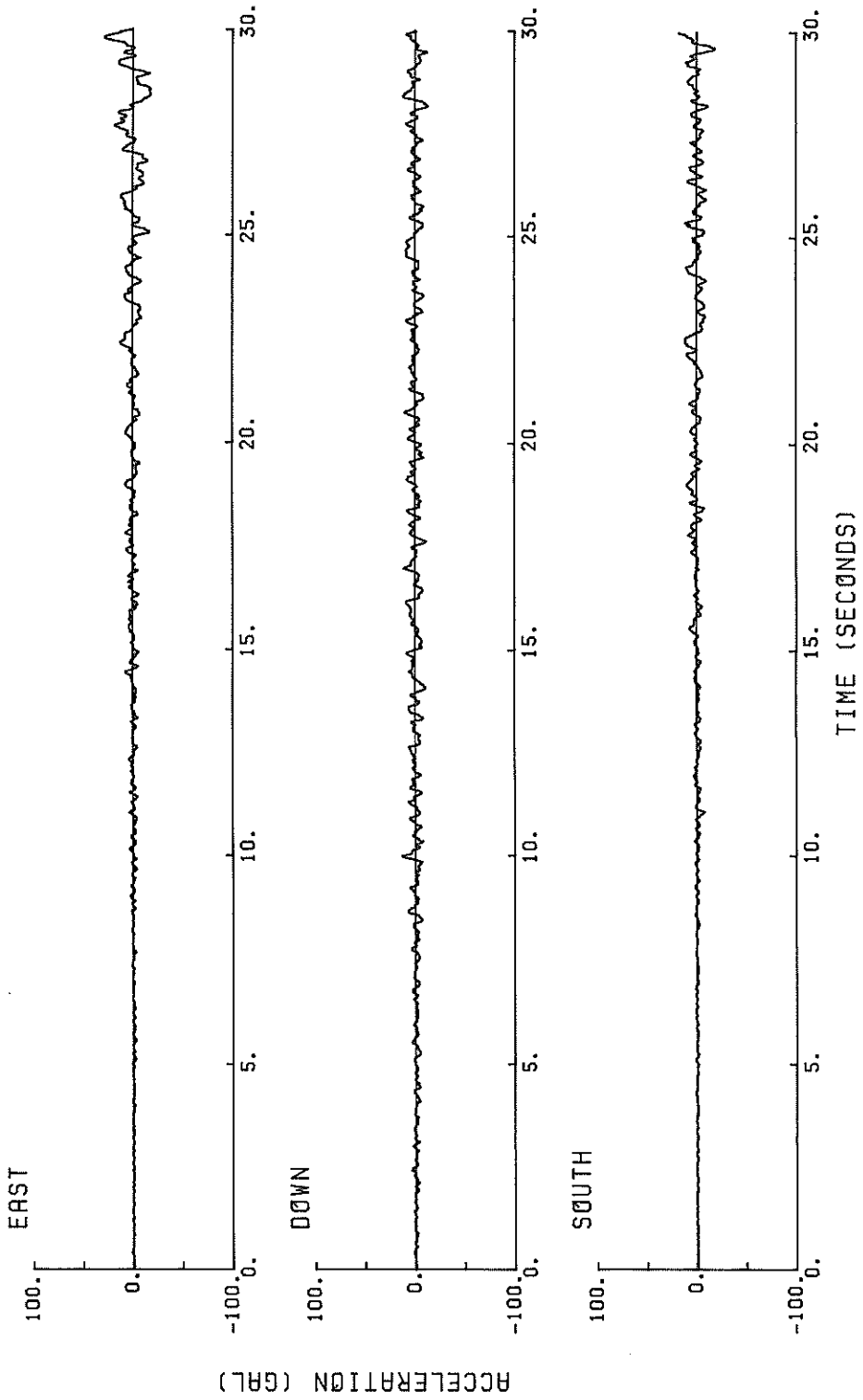
LONGITUDE 139.077°E

DEPTH 14 KM

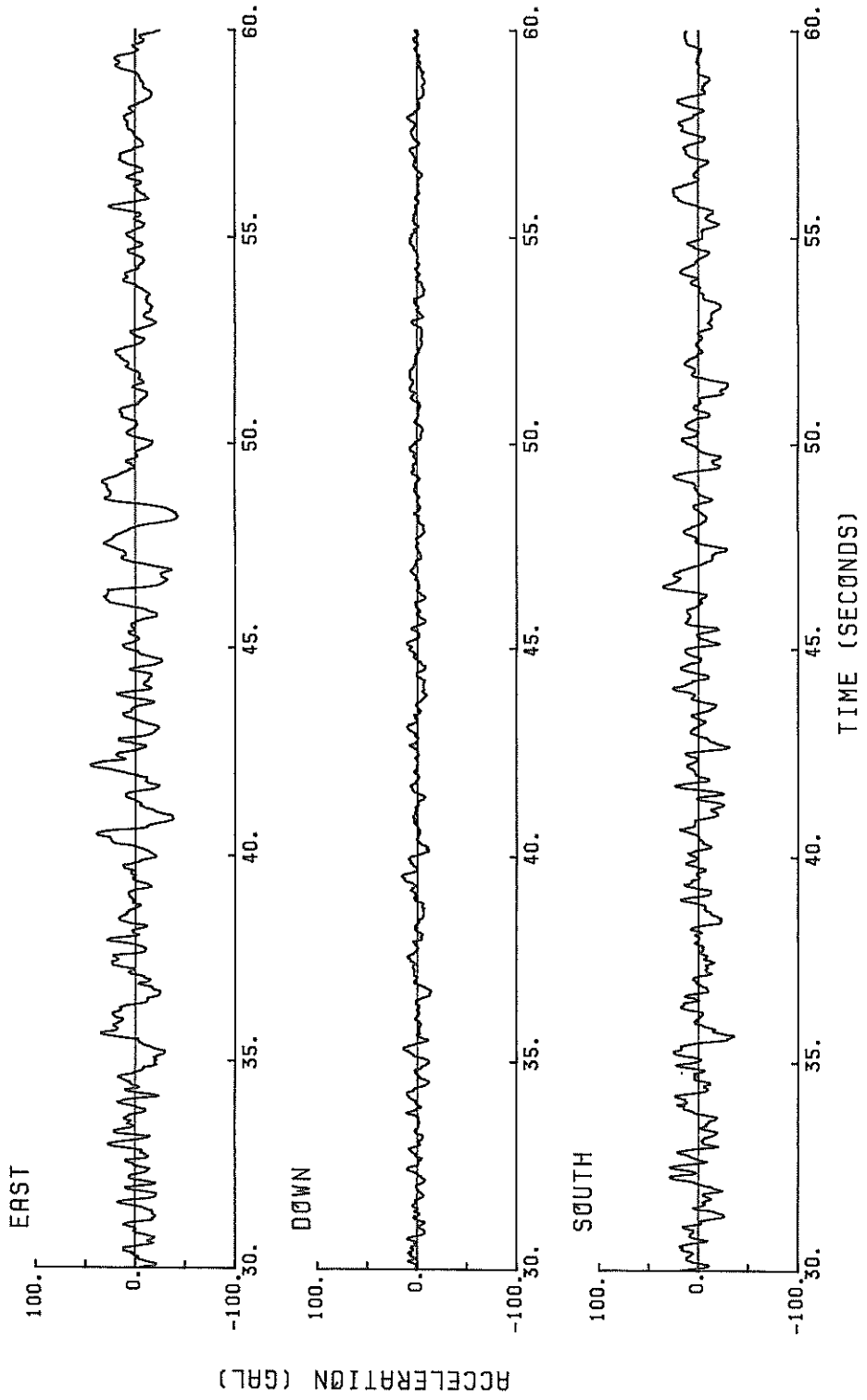
MAGNITUDE 7.7

PARAMETER OF THE VARIABLE FILTER	COMPONENT			SUM OF HORIZONTAL COMPONENT
	SOUTH	EAST	DOWN	
FC (HZ)	0.066	0.079	0.122	
MAXIMUM ACCELERATION (GAL)				
ORIGINAL	35.8	45.1	15.2	49.7
CORRECTED	39.0	51.6	17.9	54.4
MAXIMUM VELOCITY (CM/SEC)				
FIXED FILTER	7.84	9.19	3.88	9.93
VARIABLE FILTER	12.00	13.48	4.16	14.29
MAXIMUM DISPLACEMENT (CM)				
FIXED FILTER	6.310	6.218	3.021	7.331
VARIABLE FILTER	12.720	10.789	2.471	13.215

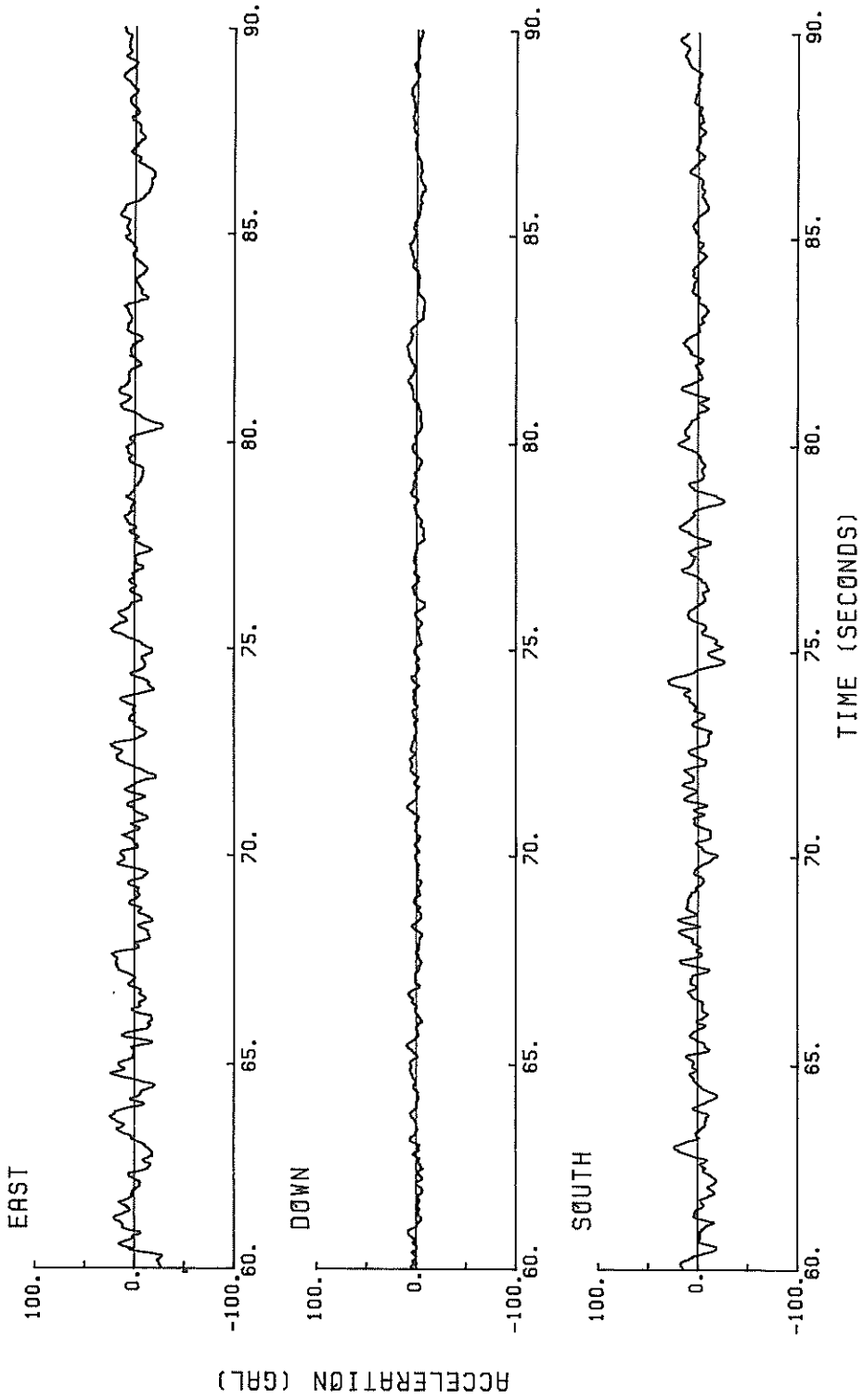
S-1568 SAKATA-S



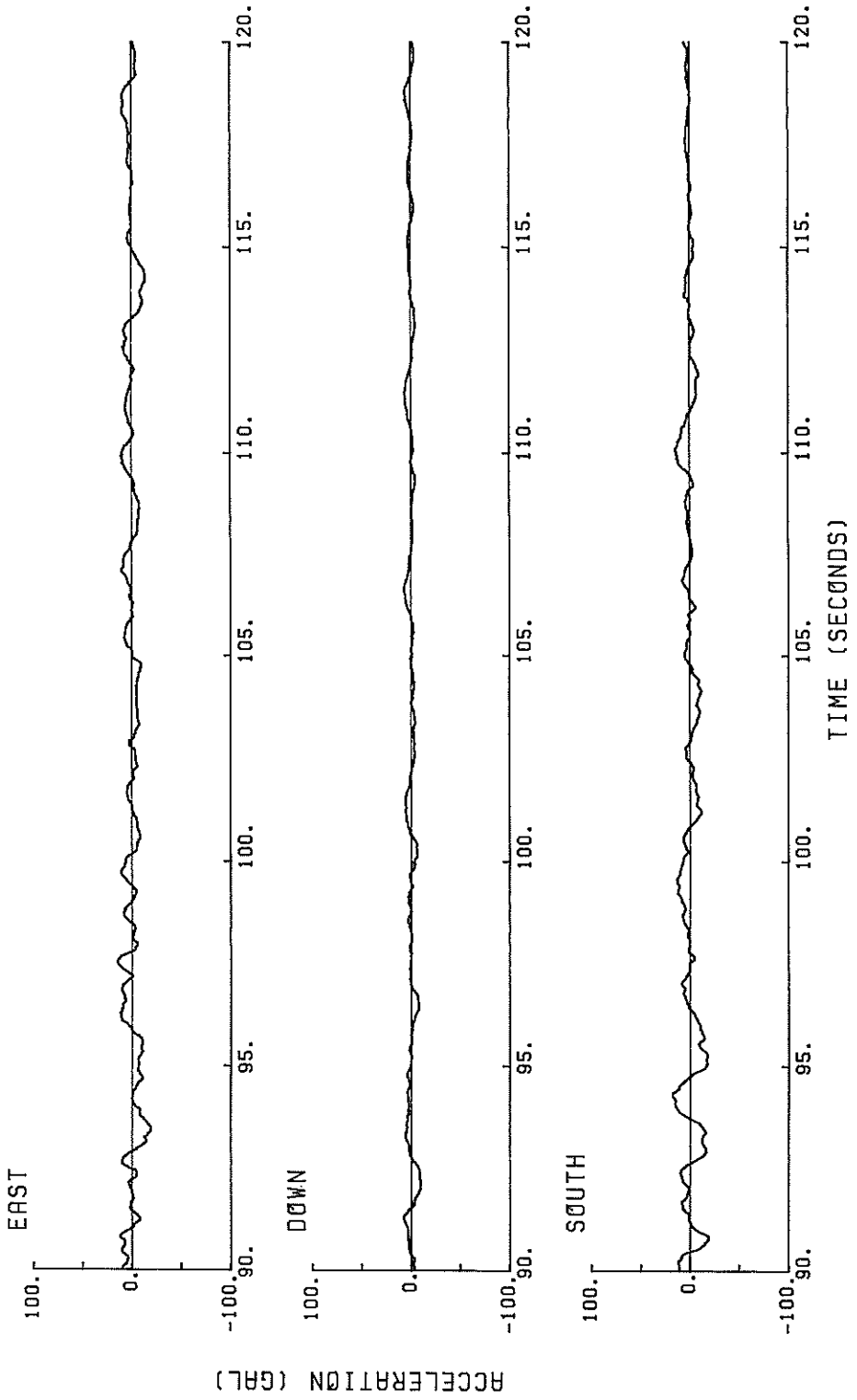
S-1568 SAKATA-S



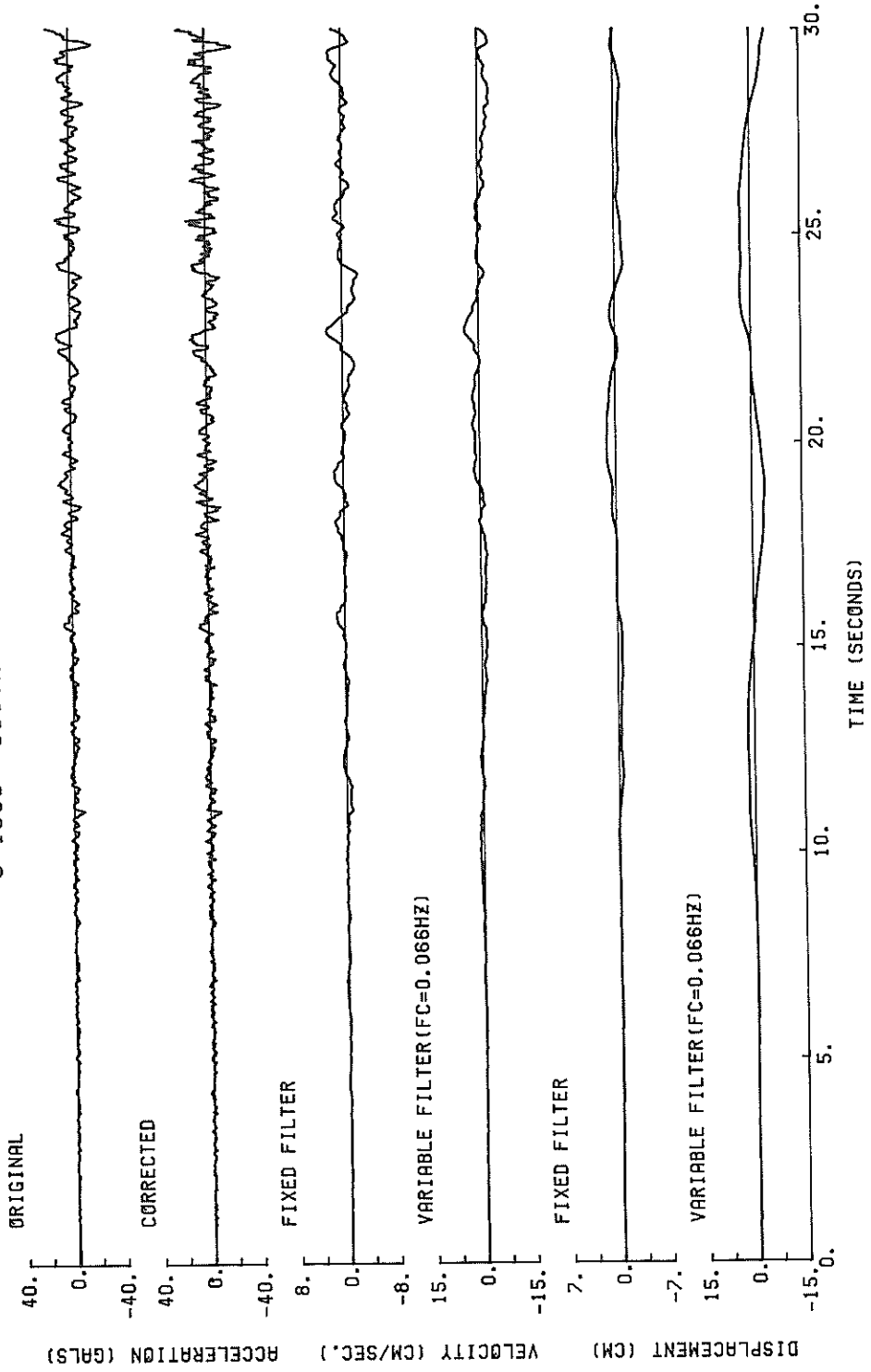
S-1568 SAKATA-S



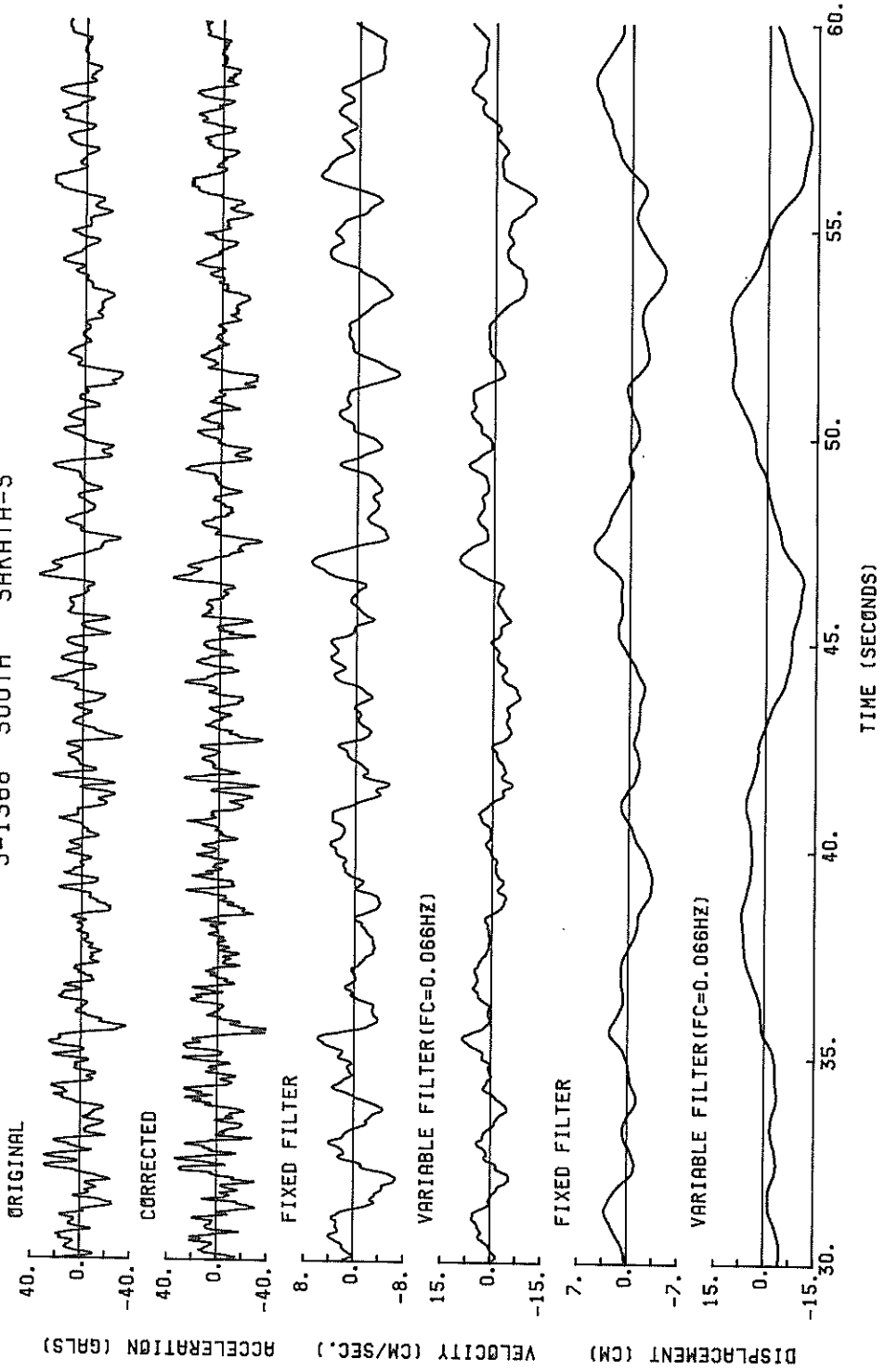
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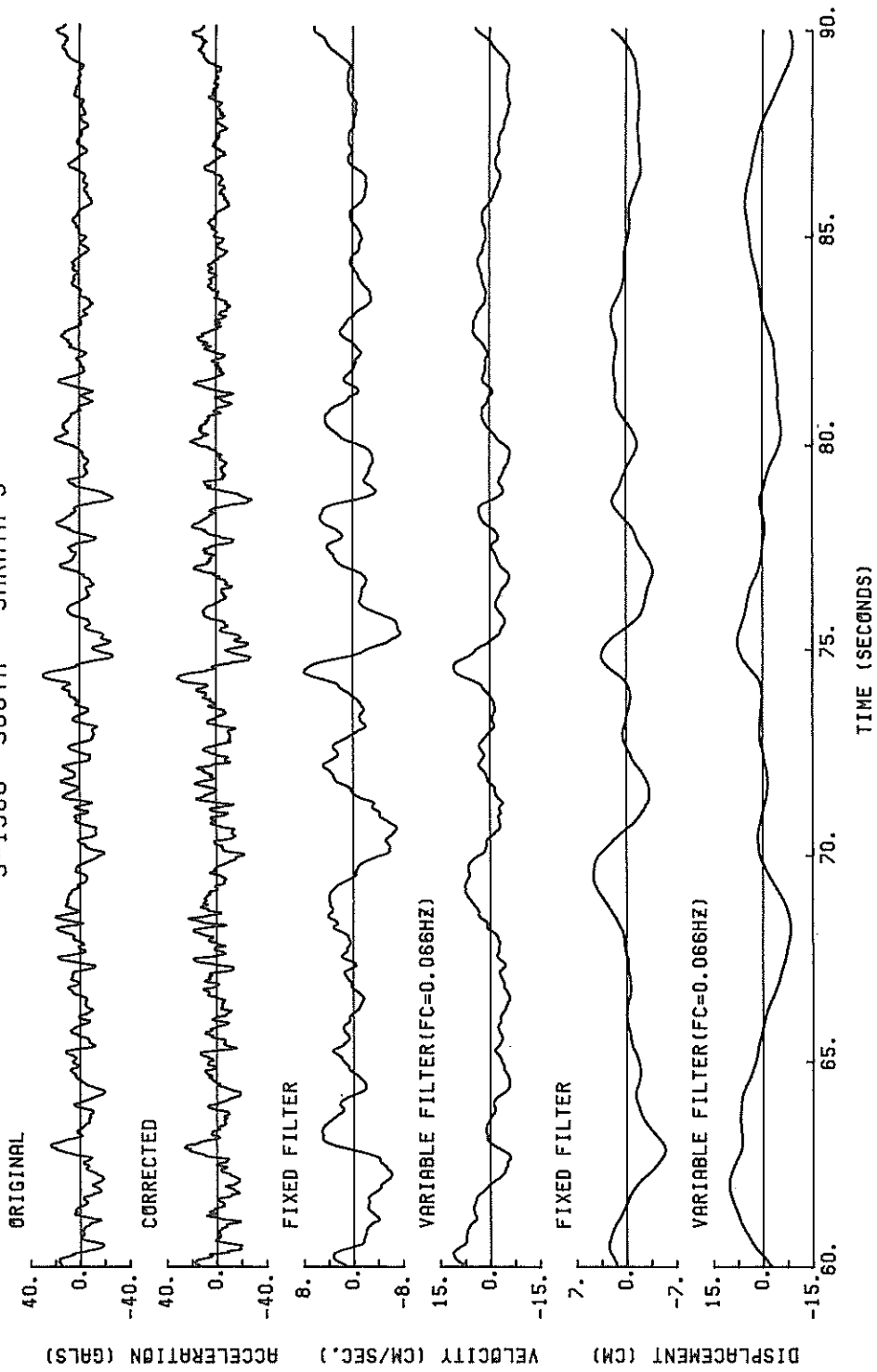
S-1568 SOUTH SAKATA-S



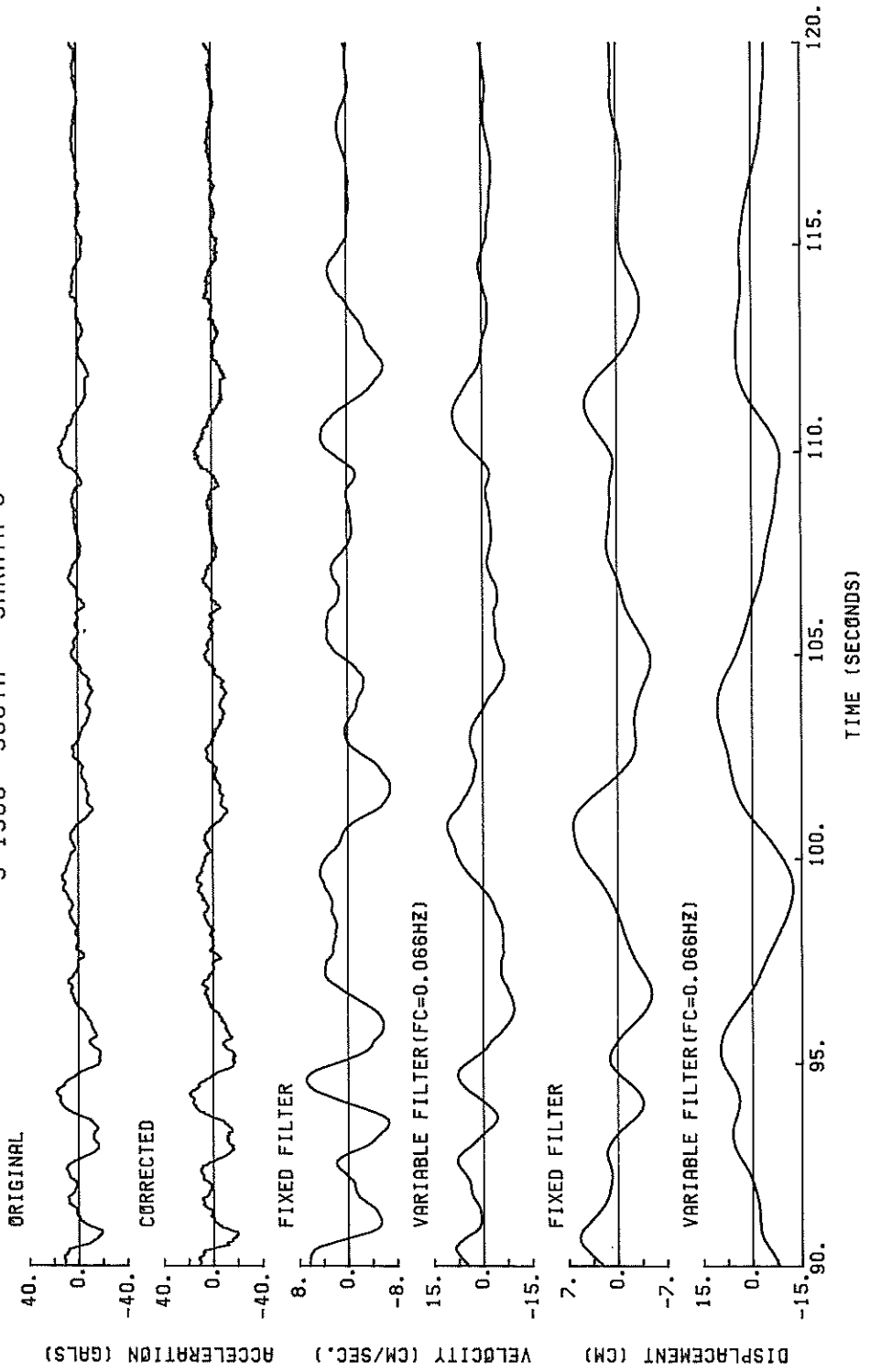
S-1568 SOUTH SAKATA-S



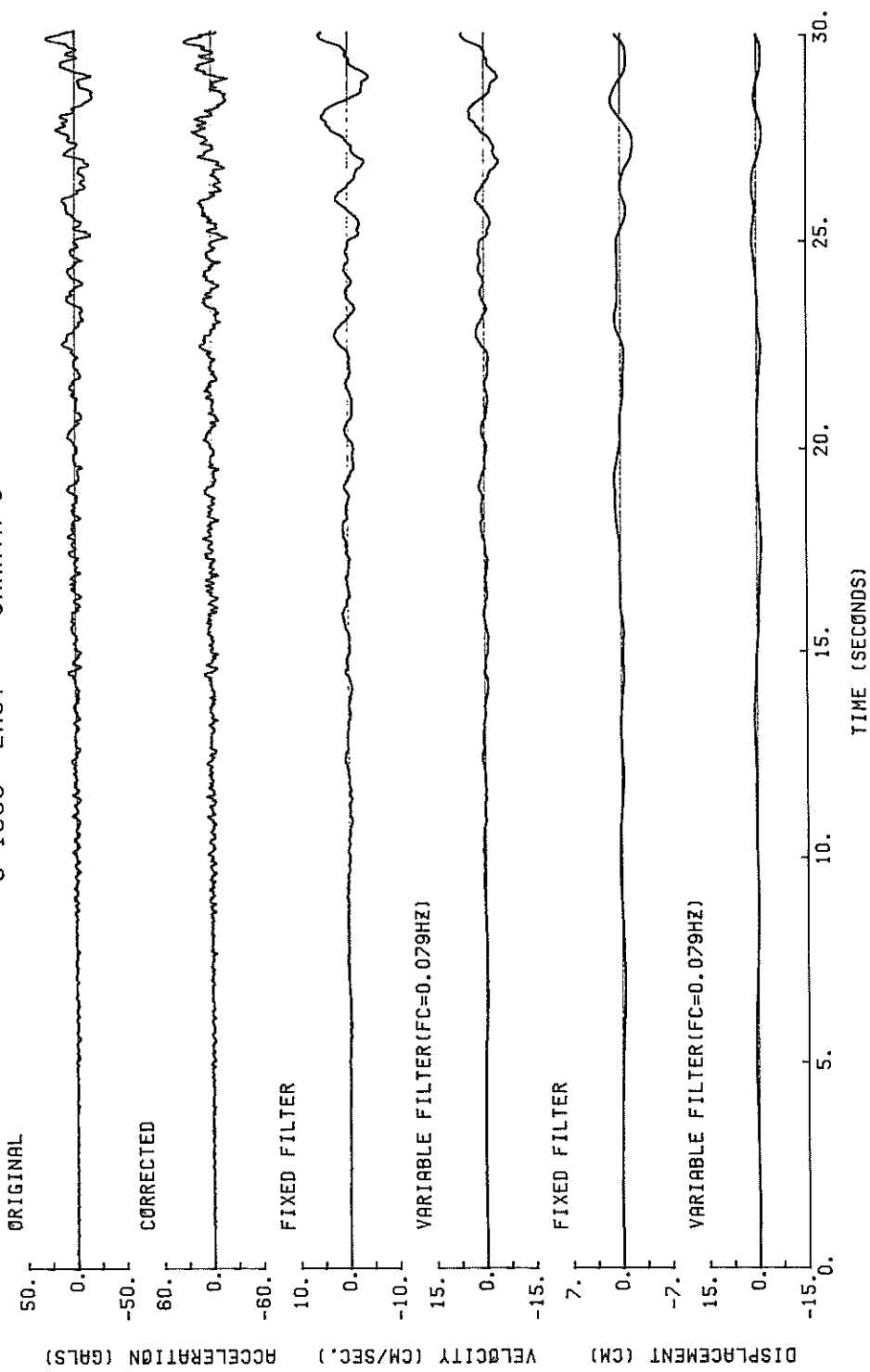
S-1568 SOUTH SAKATA-S



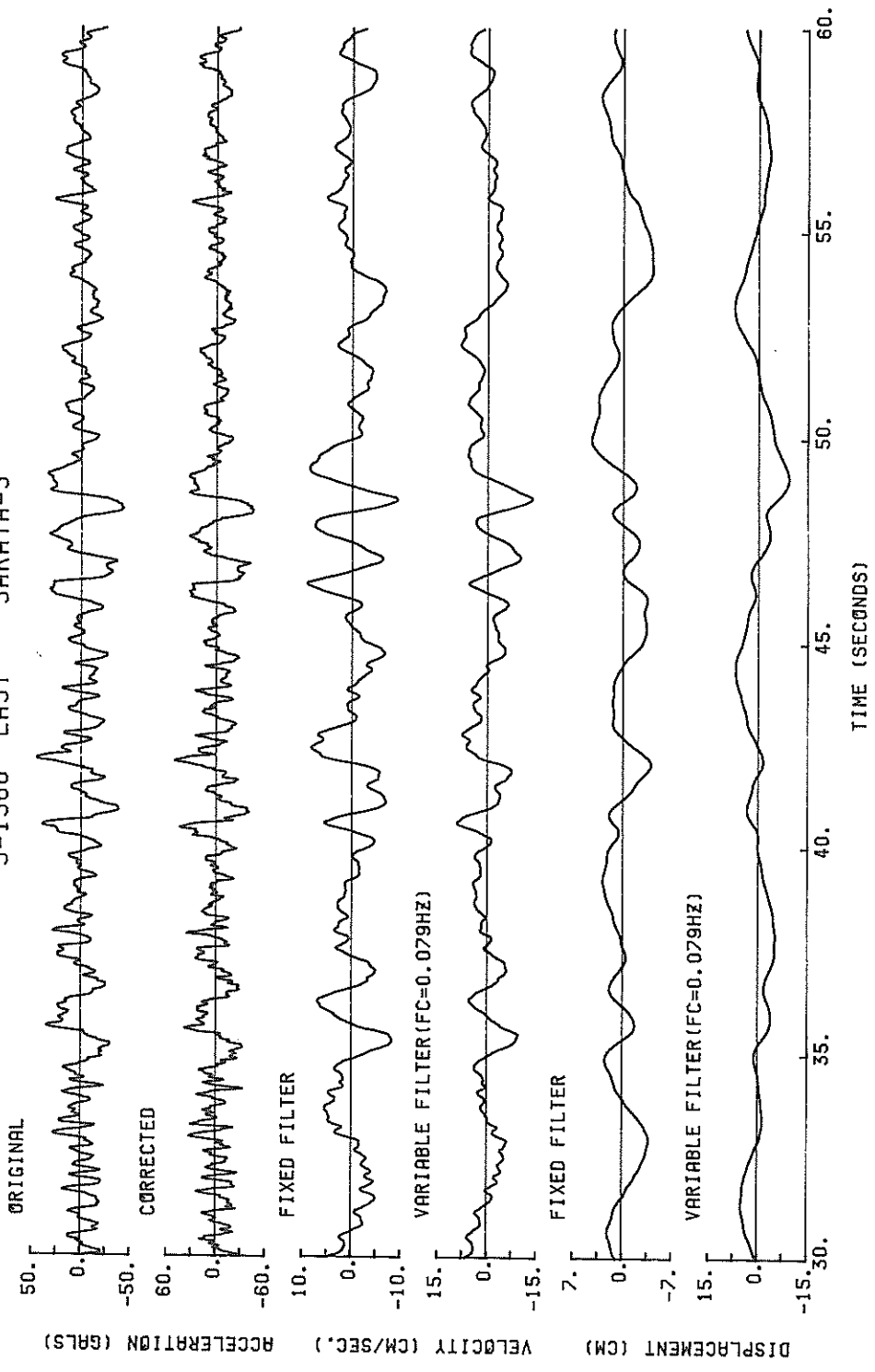
S-1568 SOUTH SAKATA-S



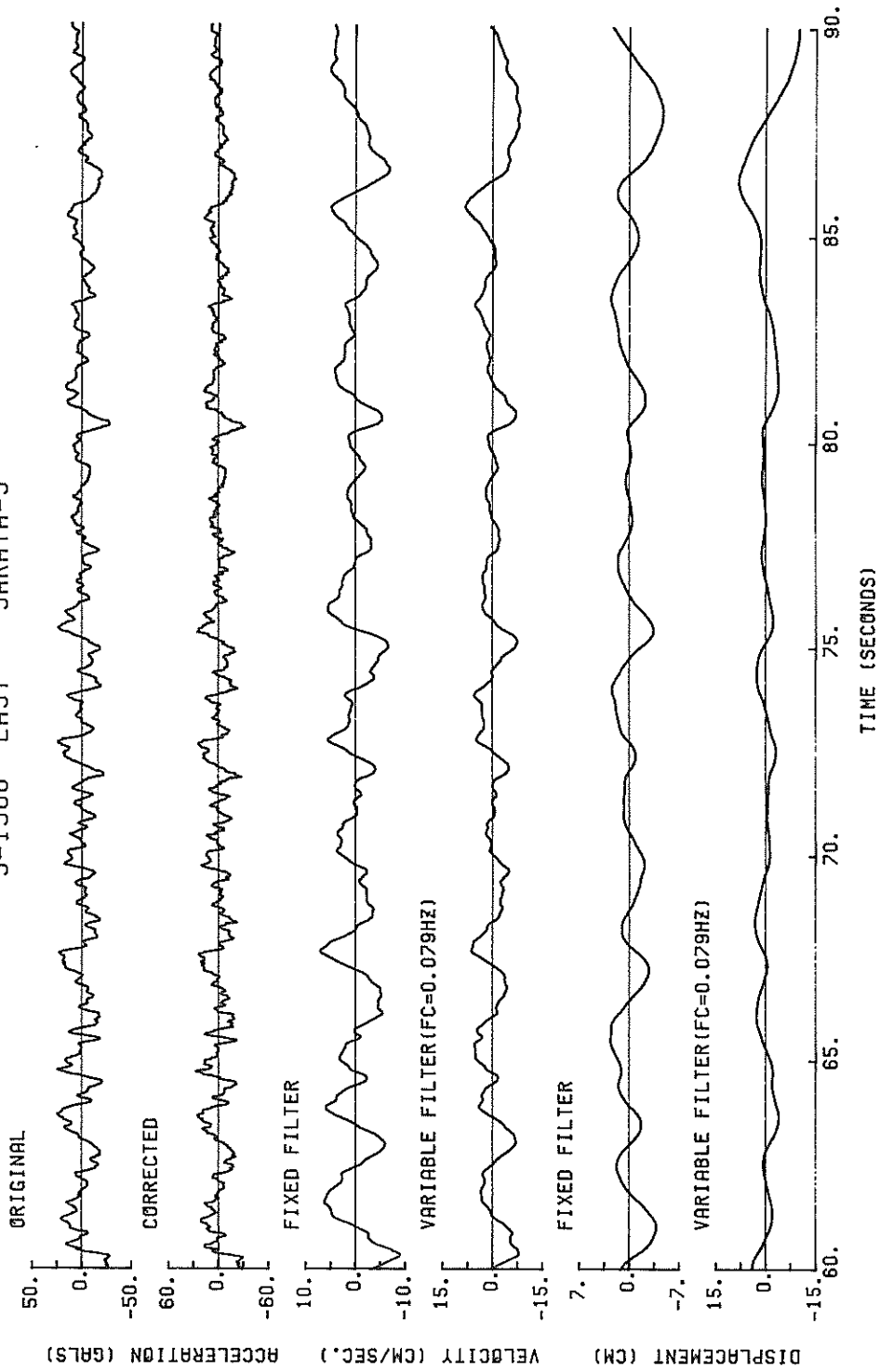
S-1568 EAST SAKATA-S



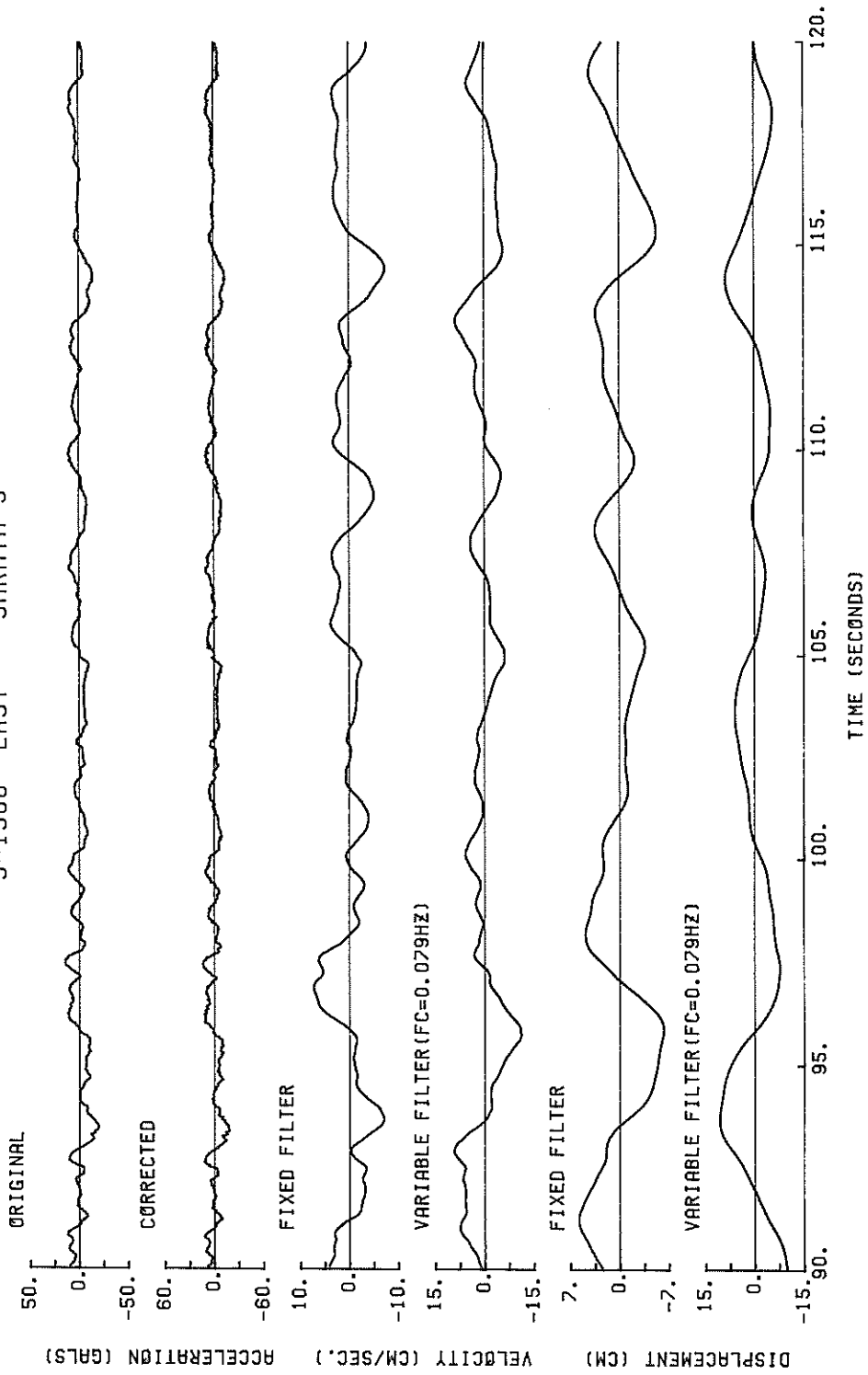
S-1568 EAST SAKATA-S



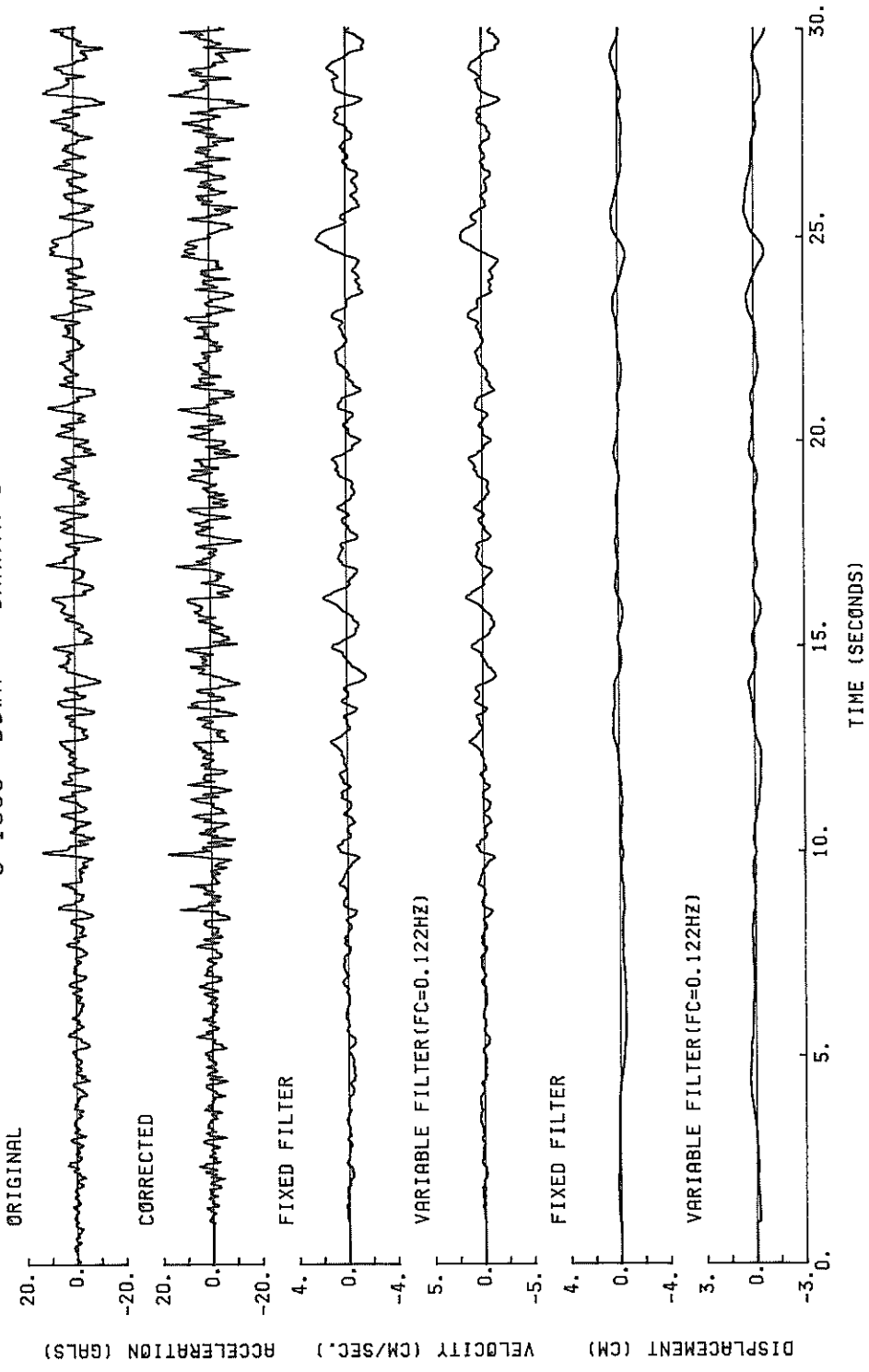
S-1568 EAST SAKATA-S



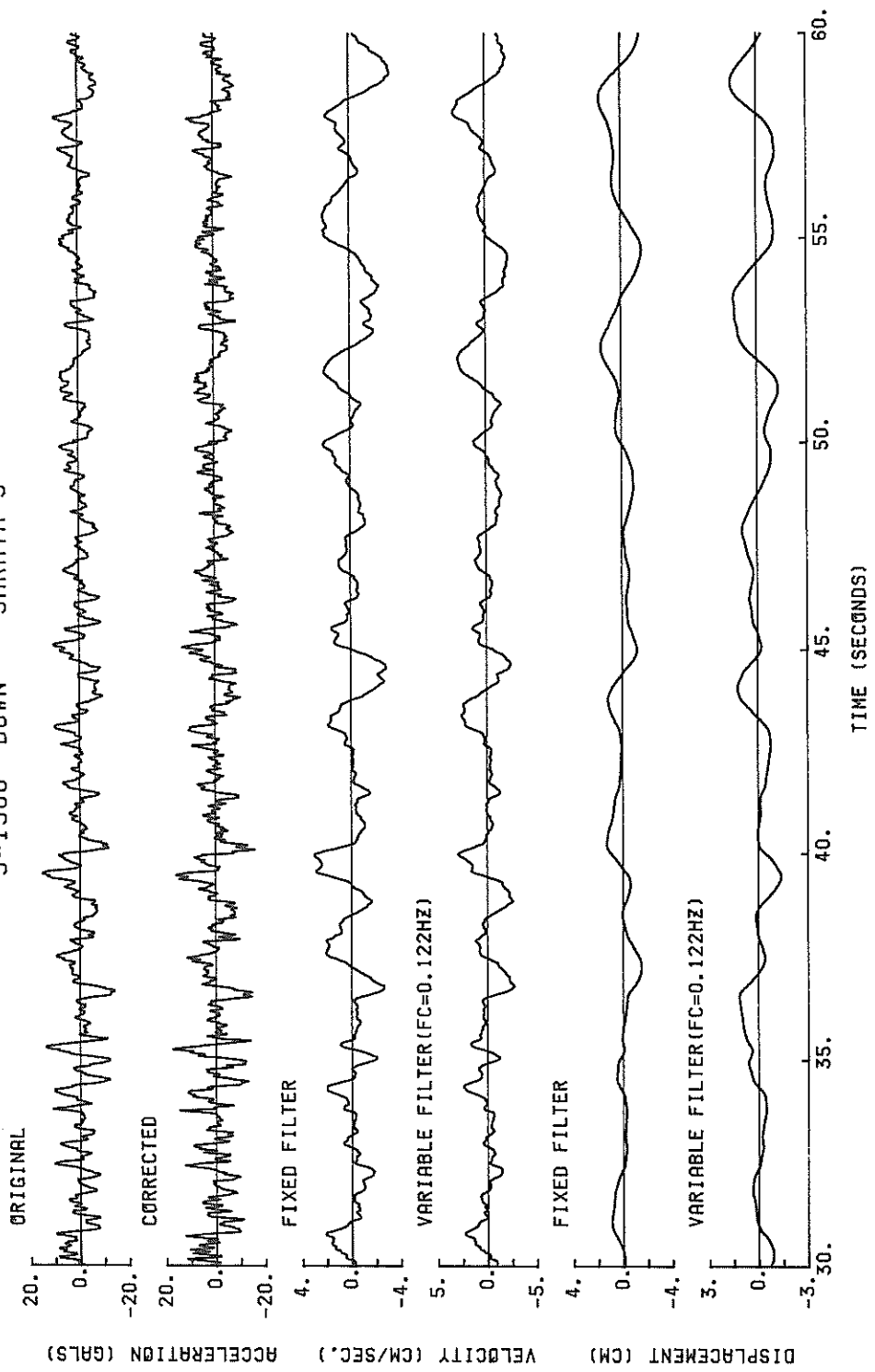
S-1568 EAST SAKATA-S



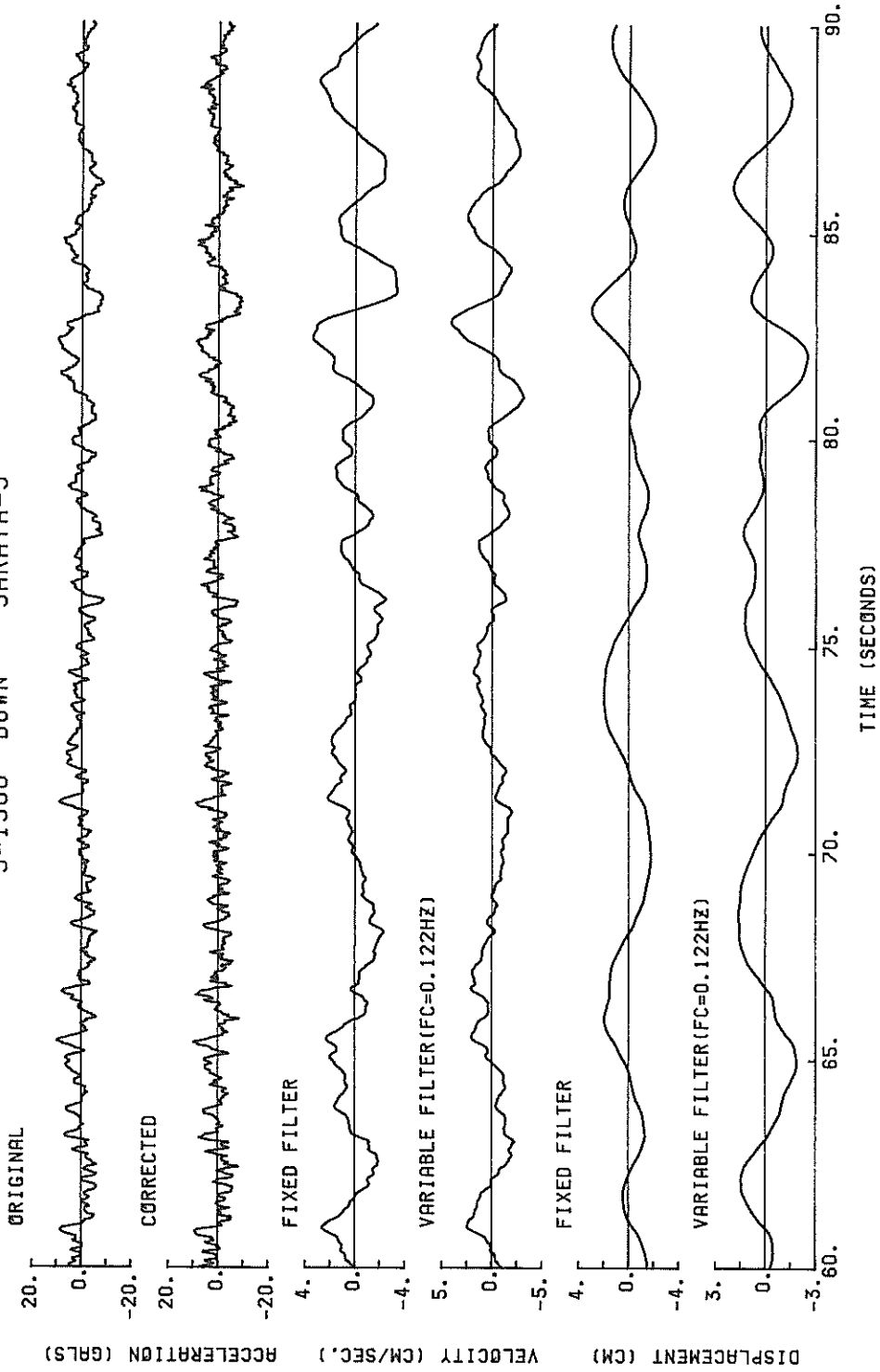
S-1568 DOWN SAKATA-S



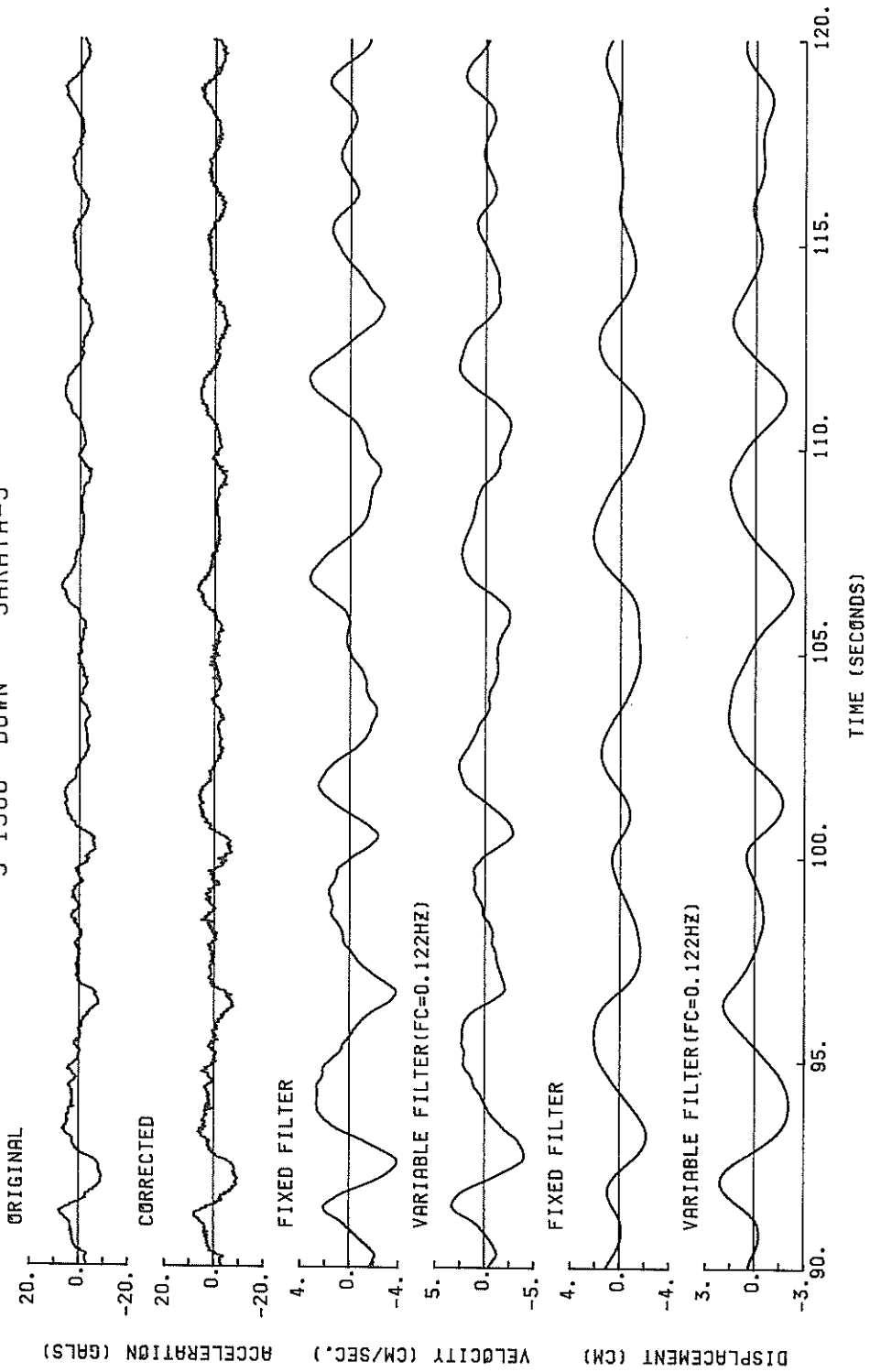
S-1568 DOWN SAKATA-S



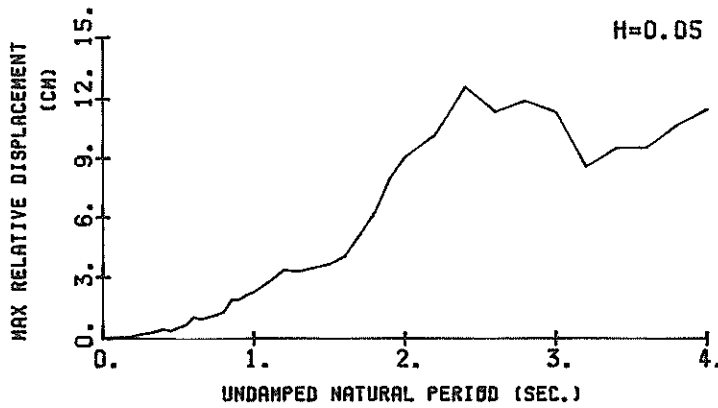
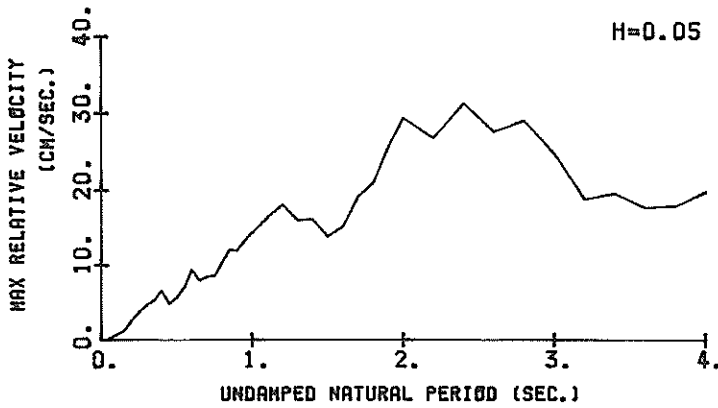
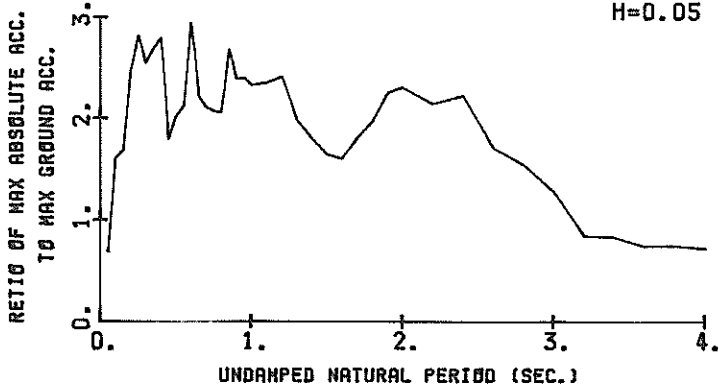
S-1568 DOWN SAKATA-S



S-1568 DOWN SAKATA-S

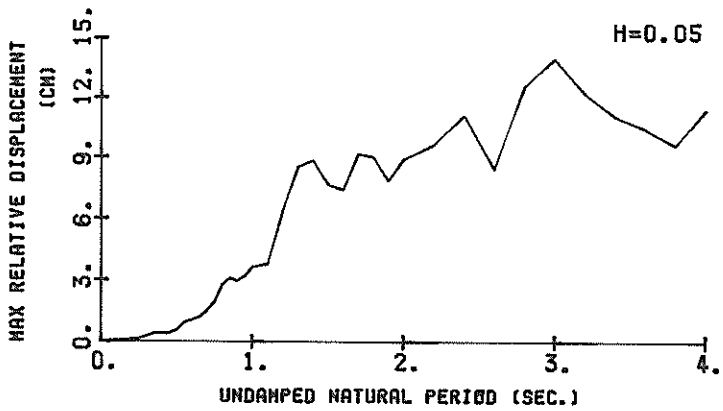
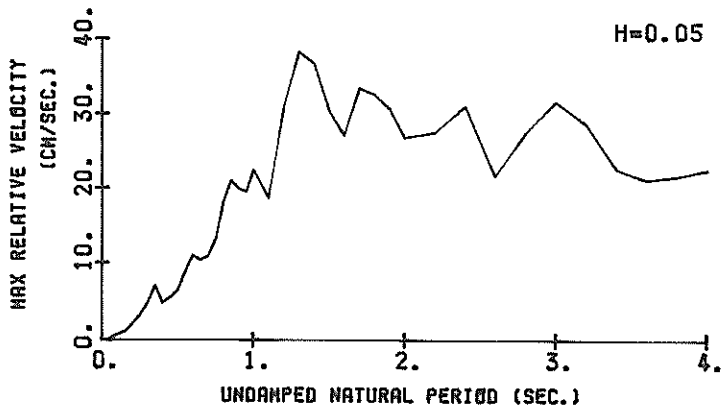
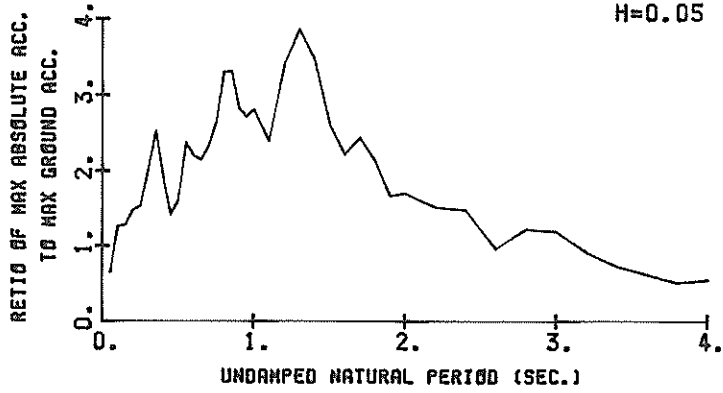


S-1568 SOUTH SAKATA-S
(1/FC=15.18SEC.)



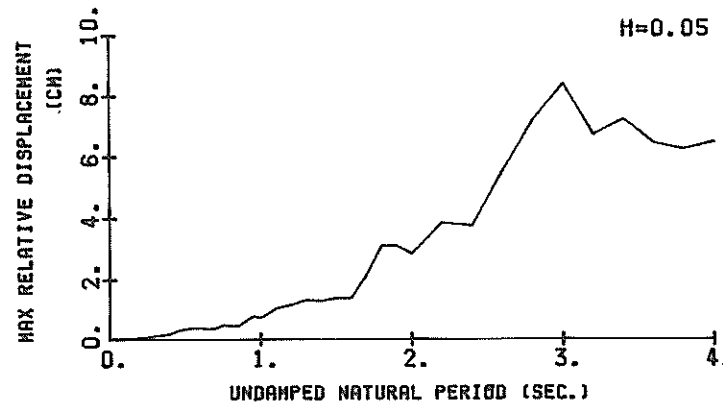
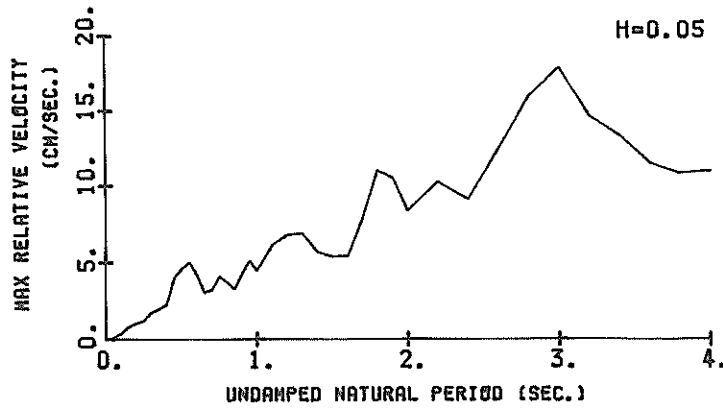
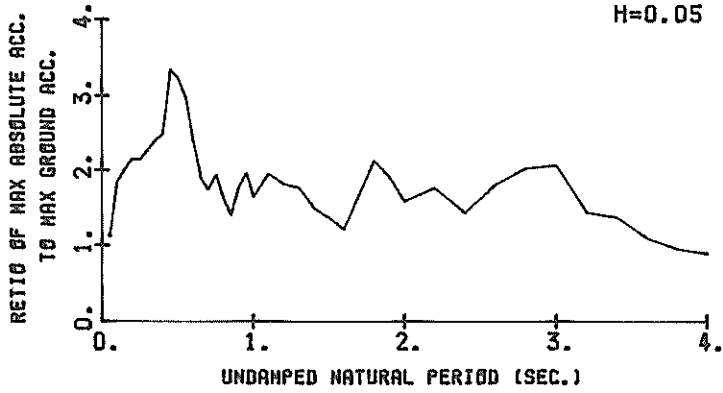
RESPONSE SPECTRA

S-1568 EAST SAKATA-S
(1/FC=12.69SEC.)



RESPONSE SPECTRA

S-1568 DOWN SAKATA-S
(1/FC=8.22 SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = S-1568
 DATE AND TIME = 1983-05-26-12-00
 TIME LENGTH = 119.99 (SEC)
 COMPONENT = SOUTH
 SIGNAL = GR. ACC.
 SAMPLING INTERVAL = 0.0100(SEC)
 SKIPPED LENGTH = 0.00 (SEC)
 CORRECTION =
 MAX.GROUND ACC. = 38.98 (GAL)
 STATION = SAKATA-S

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	34.5	0.14	0.002	28.8	0.08	0.002	27.2	0.07	0.002	26.1	0.06	0.002	25.3	0.05	0.002	25.3	0.05	0.002		
0.10	263.3	3.76	0.067	71.3	0.85	0.018	66.7	0.63	0.016	56.0	0.48	0.014	46.3	0.32	0.011	46.3	0.32	0.011		
0.15	328.6	7.59	0.187	93.6	1.84	0.053	65.7	1.19	0.037	51.0	0.77	0.029	44.1	0.53	0.024	44.1	0.53	0.024		
0.20	193.7	5.81	0.196	119.7	3.24	0.121	95.7	2.46	0.097	73.4	1.61	0.073	51.1	0.87	0.049	51.1	0.87	0.049		
0.25	393.5	15.44	0.631	133.3	4.81	0.211	109.7	3.66	0.172	83.5	2.68	0.130	53.8	1.52	0.079	53.8	1.52	0.079		
0.30	423.6	19.85	0.965	120.3	5.73	0.275	99.0	4.60	0.225	79.8	3.60	0.179	54.5	1.99	0.117	54.5	1.99	0.117		
0.35	347.4	19.20	1.073	135.7	6.71	0.421	104.5	5.29	0.322	76.0	3.87	0.232	52.7	2.23	0.154	52.7	2.23	0.154		
0.40	547.2	34.70	2.218	172.3	10.26	0.697	108.7	6.54	0.439	71.6	3.88	0.287	54.3	2.23	0.208	54.3	2.23	0.208		
0.45	153.1	10.78	0.785	86.4	6.11	0.443	70.0	4.76	0.358	63.0	3.87	0.344	57.3	2.40	0.274	57.3	2.40	0.274		
0.50	433.2	33.88	2.743	100.7	7.59	0.638	78.5	5.64	0.495	71.1	3.81	0.444	58.6	2.86	0.341	58.6	2.86	0.341		
0.55	186.9	16.13	1.432	105.5	9.04	0.807	82.7	7.03	0.630	72.9	4.87	0.550	58.5	3.28	0.409	58.5	3.28	0.409		
0.60	522.9	49.78	4.768	160.7	14.43	1.517	116.9	9.41	1.044	81.2	6.00	0.723	57.0	3.66	0.471	57.0	3.66	0.471		
0.65	311.9	31.04	3.338	115.8	11.01	1.238	86.4	8.01	0.921	71.7	6.34	0.756	54.0	4.03	0.524	54.0	4.03	0.524		
0.70	321.6	35.33	3.991	104.6	10.99	1.297	82.3	8.48	1.017	63.8	6.28	0.781	50.7	4.25	0.571	50.7	4.25	0.571		
0.75	268.5	31.30	3.826	96.7	10.91	1.377	80.7	8.66	1.146	61.0	6.36	0.856	47.9	4.41	0.629	47.9	4.41	0.629		
0.80	306.5	37.99	4.968	101.6	12.89	1.646	80.1	10.32	1.293	63.8	7.01	1.019	46.8	4.61	0.698	46.8	4.61	0.698		
0.85	348.7	47.76	6.382	145.0	18.18	2.650	104.3	12.17	1.901	71.0	7.94	1.282	45.5	4.95	0.768	45.5	4.95	0.768		
0.90	244.4	39.02	7.650	119.7	15.77	2.454	92.8	12.02	1.898	68.9	8.23	1.394	45.7	5.42	0.857	45.7	5.42	0.857		
0.95	332.7	48.87	7.605	115.0	17.00	2.627	93.4	13.37	2.127	58.3	8.86	1.543	46.0	5.95	0.950	46.0	5.95	0.950		
1.00	523.8	81.77	13.259	130.7	19.67	3.307	90.6	14.36	2.283	58.7	9.69	1.713	45.8	6.45	1.053	45.8	6.45	1.053		
1.10	331.1	56.16	10.149	106.9	18.68	3.272	91.5	16.45	2.791	65.1	11.60	1.954	46.2	7.21	1.275	46.2	7.21	1.275		
1.20	447.7	83.04	16.331	126.3	23.49	4.600	93.7	18.20	3.401	63.3	12.03	2.261	44.7	7.48	1.442	44.7	7.48	1.442		
1.30	375.6	77.73	16.080	99.3	20.81	4.244	77.3	16.06	3.290	55.5	11.93	2.317	42.0	7.25	1.599	42.0	7.25	1.599		
1.40	457.9	103.93	23.231	105.6	24.28	5.234	70.2	16.97	3.665	51.4	10.75	2.522	40.3	7.54	1.859	40.3	7.54	1.859		
1.50	123.8	26.74	7.057	79.2	15.88	4.507	68.4	13.90	3.655	51.5	10.84	2.896	40.3	7.99	2.142	40.3	7.99	2.142		
1.60	220.0	54.79	14.267	78.5	20.50	5.081	62.8	15.31	4.049	52.1	11.86	3.329	40.5	8.43	2.439	40.5	8.43	2.439		
1.70	168.4	44.77	12.326	90.1	24.18	6.586	70.4	19.20	5.121	52.9	14.55	3.813	40.7	8.93	2.737	40.7	8.93	2.737		
1.80	322.6	108.72	31.403	119.2	33.78	9.771	76.6	21.07	6.258	56.4	16.71	4.541	40.7	9.50	3.026	40.7	9.50	3.026		
1.90	287.3	56.64	20.823	120.9	36.56	11.040	87.8	25.67	7.993	59.2	16.51	5.303	40.2	10.13	3.298	40.2	10.13	3.298		
2.00	442.4	140.68	44.822	135.1	44.02	13.676	89.7	29.55	9.045	62.2	18.94	6.203	39.3	10.70	3.557	39.3	10.70	3.557		
2.20	201.1	70.84	24.652	96.6	31.43	11.833	83.5	26.89	10.191	64.6	21.36	7.796	36.7	11.66	4.047	36.7	11.66	4.047		
2.40	223.4	83.68	32.603	107.0	39.64	15.592	86.7	31.88	12.585	61.9	22.37	8.876	33.3	11.96	4.516	33.3	11.96	4.516		
2.60	205.3	84.30	35.154	85.2	35.55	14.570	66.7	27.69	11.358	50.6	19.69	8.504	30.7	12.17	4.789	30.7	12.17	4.789		
2.80	222.5	98.83	44.189	84.9	39.88	16.645	60.2	29.15	11.904	39.8	20.00	7.717	27.4	11.97	4.923	27.4	11.97	4.923		
3.00	101.3	51.90	23.215	64.8	31.93	14.761	50.1	24.78	11.359	33.5	18.49	7.427	24.5	11.16	5.016	24.5	11.16	5.016		
3.20	62.5	31.68	16.206	39.2	20.60	10.163	33.3	18.95	8.570	27.1	15.44	6.870	22.2	10.56	5.146	22.2	10.56	5.146		
3.40	106.3	58.07	31.119	44.5	26.25	13.025	32.7	19.66	9.511	24.1	14.51	6.923	20.6	10.15	5.337	20.6	10.15	5.337		
3.60	59.1	35.67	19.418	37.5	23.10	12.291	29.2	17.73	9.530	23.6	13.04	7.599	19.3	10.05	5.563	19.3	10.05	5.563		
3.80	49.3	29.33	18.233	33.4	20.51	12.203	29.4	17.88	10.568	23.1	14.78	8.224	18.2	9.89	5.785	18.2	9.89	5.785		
4.00	49.9	30.91	20.218	33.5	21.95	13.564	28.5	19.87	11.476	22.7	16.34	8.993	17.0	10.06	5.958	17.0	10.06	5.958		

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1562
 DATE AND TIME = 1983-05-26-12-00
 TIME LENGTH = 119.99 (SEC)

COMPONENT = EAST
 SAMPRING INTERVAL = 0.0100 (SEC)
 SKIPPED LENGTH = 0.00 (SEC)

SIGNAL = GR. ACC.
 CORRECTION = MAX.GROUND ACC. = 51.60 (GAL)

STATION = SAKATA-S

DAMPING = 0.025 DAMPING = 0.050 DAMPING = 0.100 DAMPING = 0.250

PER	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	51.4	0.22	0.003	34.0	0.07	0.002	34.0	0.06	0.002	33.5	0.06	0.002	32.6	0.04	0.002
0.10	290.2	4.01	0.074	70.5	0.84	0.013	65.3	0.62	0.017	60.5	0.58	0.015	55.9	0.43	0.014
0.15	223.2	4.36	0.127	77.0	1.19	0.044	66.4	1.02	0.038	61.1	0.90	0.035	56.0	0.72	0.031
0.20	388.0	12.14	0.393	98.2	2.50	0.098	76.5	1.97	0.078	66.9	1.48	0.065	57.0	1.03	0.056
0.25	308.3	11.83	0.488	106.2	4.09	0.168	79.3	3.18	0.126	71.0	2.22	0.111	54.4	1.58	0.084
0.30	455.9	21.40	1.039	137.4	6.14	0.314	103.7	4.74	0.236	71.8	3.50	0.161	57.9	1.99	0.127
0.35	742.3	41.13	2.303	201.1	11.14	0.625	130.5	7.16	0.403	83.2	4.49	0.259	59.3	2.32	0.176
0.40	381.6	24.09	1.547	117.4	5.68	0.475	99.4	4.78	0.402	77.1	4.10	0.310	59.4	2.45	0.232
0.45	251.4	17.31	1.290	99.0	6.50	0.457	73.4	5.54	0.375	66.7	4.56	0.339	58.9	2.82	0.291
0.50	348.5	23.78	2.203	113.7	8.41	0.720	83.3	6.43	0.525	63.7	4.68	0.400	58.2	2.94	0.355
0.55	363.0	31.25	2.782	178.8	13.74	1.369	123.1	8.97	0.939	81.6	6.18	0.617	60.8	3.45	0.462
0.60	295.0	26.67	2.690	162.6	14.04	1.481	114.5	11.02	1.040	80.9	7.03	0.727	64.3	4.14	0.556
0.65	277.9	28.74	2.975	121.9	13.26	1.303	111.2	10.40	1.186	94.2	7.46	0.996	69.3	4.89	0.699
0.70	290.2	32.01	3.602	167.8	15.67	1.821	120.1	10.86	1.485	103.1	8.56	1.263	73.4	5.64	0.850
0.75	297.1	35.18	4.233	160.1	16.43	2.279	136.7	13.17	1.941	109.9	10.27	1.543	75.9	6.45	0.996
0.80	276.2	38.82	4.477	211.8	23.70	3.428	170.6	18.04	2.753	121.7	12.10	1.933	76.5	7.18	1.131
0.85	358.1	45.01	6.554	177.6	28.33	3.977	171.1	21.15	3.118	119.4	14.31	2.150	75.3	7.81	1.251
0.90	328.0	45.12	6.730	163.5	23.86	3.453	146.0	20.03	2.884	107.9	14.67	2.178	72.9	8.30	1.357
0.95	415.2	60.89	9.491	191.8	26.58	4.379	140.5	19.54	3.200	103.9	14.07	2.546	70.0	8.78	1.463
1.00	310.6	48.77	7.868	199.0	30.38	5.037	145.2	22.58	3.663	103.5	15.58	2.630	68.8	9.48	1.617
1.10	214.3	36.90	6.569	129.5	19.03	3.967	124.0	18.74	3.787	104.7	16.28	3.160	71.3	11.28	2.033
1.20	332.1	61.70	12.112	213.3	37.27	7.771	175.4	30.89	6.371	130.7	23.17	4.695	77.1	13.04	2.590
1.30	531.7	109.58	22.760	262.4	51.45	11.218	200.0	38.20	8.521	147.5	27.11	5.953	79.1	14.19	3.058
1.40	292.2	63.04	14.505	210.5	44.41	10.438	179.3	36.77	8.857	133.8	27.36	6.674	76.7	14.76	3.379
1.50	329.9	70.30	18.804	177.3	40.84	10.094	135.4	30.47	7.676	119.1	25.02	6.320	71.6	14.00	3.604
1.60	253.9	64.15	16.464	143.3	36.09	11.47	274.20	7.401	7.401	100.5	24.19	6.384	65.5	15.04	3.766
1.70	312.3	83.56	22.865	156.3	43.21	11.431	126.1	33.54	9.189	93.7	25.34	6.726	58.8	15.40	3.766
1.80	424.3	120.82	34.861	140.9	42.30	11.550	110.6	33.57	9.033	81.0	24.44	6.528	51.8	15.52	3.735
1.90	120.9	37.07	11.058	105.5	34.62	9.637	86.3	30.74	7.849	64.8	23.60	5.803	45.6	15.32	3.672
2.00	359.4	108.13	34.388	122.9	40.41	12.434	88.5	26.85	8.916	58.3	20.07	5.770	40.1	14.93	3.615
2.20	156.2	55.72	19.144	100.1	35.20	12.232	79.0	27.50	9.622	58.2	20.71	6.977	35.5	13.91	3.779
2.40	220.6	84.44	32.180	105.1	42.22	15.310	76.6	31.01	11.221	52.7	21.43	7.518	31.2	12.80	3.968
2.60	133.7	56.94	22.866	68.1	26.87	11.637	49.6	21.67	8.441	38.6	19.19	6.421	28.3	12.44	4.097
2.80	139.8	62.58	27.770	86.9	37.66	17.233	63.7	27.46	12.592	41.8	18.10	8.132	25.2	12.37	4.360
3.00	258.2	123.09	58.861	101.4	47.09	23.096	61.8	31.58	14.018	37.2	19.83	8.306	24.1	12.59	4.554
3.20	156.8	73.56	35.460	67.9	40.24	17.586	47.5	28.62	12.255	32.3	20.17	8.158	23.7	12.72	4.934
3.40	63.5	33.47	18.583	45.6	27.00	13.368	38.1	22.62	11.064	29.9	18.93	8.409	22.6	12.48	5.101
3.60	72.1	40.70	23.682	38.4	23.51	12.595	32.2	21.09	10.474	28.3	17.05	8.355	20.8	12.10	5.078
3.80	66.3	42.54	24.245	33.7	23.70	11.501	26.5	21.61	9.628	22.3	18.56	7.846	18.6	12.73	5.071
4.00	63.8	33.97	25.859	36.6	24.90	14.821	28.3	22.47	11.400	21.8	18.94	8.672	16.4	13.06	5.533

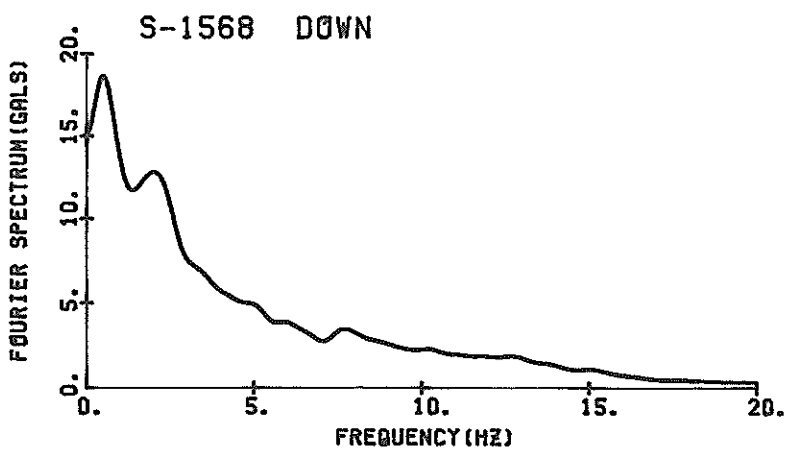
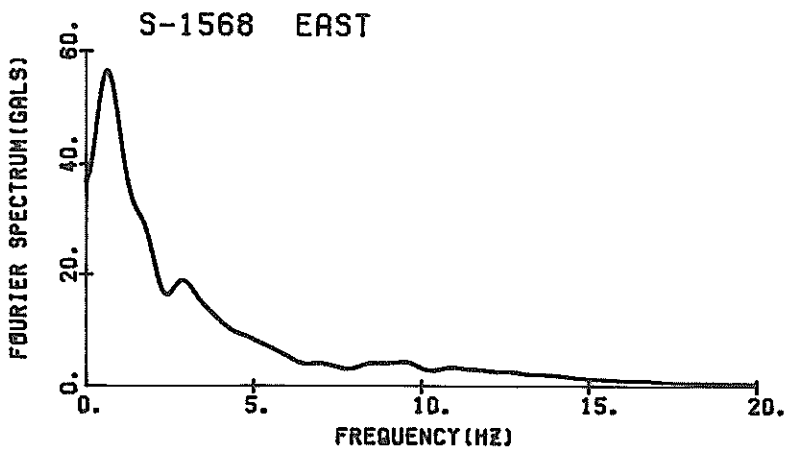
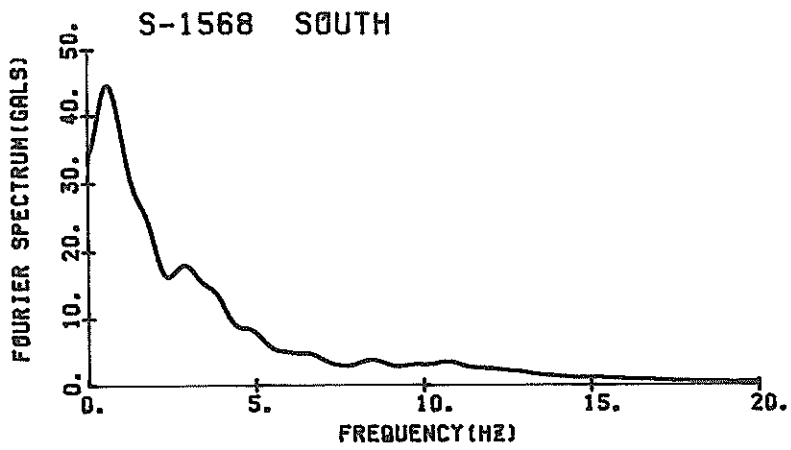
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1568 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = STATION = SAKATA--
 DATE AND TIME = 1983-05-26 12-00 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 17.93 (GAL)
 TIME LENGTH = 119.99 (SEC) SKIPPED LENGTH = 0.00 (SEC)

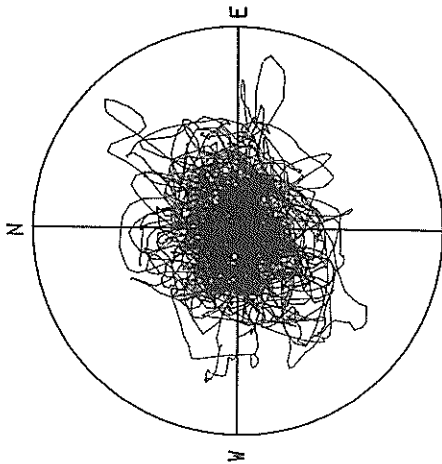
DAMPING = 0. DAMPING = 0.025 DAMPING = 0.050 DAMPING = 0.100 DAMPING = 0.250

PER	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	48.9	3.32	0.003	21.2	0.56	0.001	20.3	0.05	0.001	20.1	0.05	0.001	19.8	0.04	0.001
0.10	188.9	2.95	0.043	43.2	0.53	0.011	33.0	0.37	0.008	24.6	0.25	0.006	21.7	0.18	0.005
0.15	275.7	6.38	0.157	46.4	1.03	0.027	36.1	0.78	0.020	26.0	0.56	0.016	20.7	0.35	0.011
0.20	243.7	7.61	0.247	53.4	1.46	0.054	38.5	1.01	0.039	28.1	0.89	0.023	23.5	0.44	0.022
0.25	109.2	4.13	0.173	43.4	1.49	0.069	38.5	1.18	0.061	30.8	0.93	0.048	23.4	0.57	0.034
0.30	124.8	5.84	0.254	58.8	2.60	0.134	40.5	1.70	0.092	30.9	1.25	0.069	22.4	0.69	0.047
0.35	218.8	11.95	0.679	52.9	2.67	0.164	43.0	1.96	0.133	34.2	1.47	0.104	23.8	0.99	0.068
0.40	246.2	15.49	0.998	53.9	3.33	0.213	44.5	2.25	0.180	34.6	1.69	0.135	23.8	1.24	0.089
0.45	358.4	25.15	1.839	90.7	6.15	0.466	59.9	3.98	0.306	39.4	2.46	0.200	25.1	1.40	0.121
0.50	231.0	18.32	1.463	68.0	5.38	0.450	58.1	4.58	0.366	43.7	3.37	0.273	26.8	1.85	0.157
0.55	199.8	17.10	1.531	67.6	5.68	0.513	53.4	5.01	0.407	41.2	3.76	0.310	26.1	2.08	0.181
0.60	152.1	14.66	1.387	47.2	4.42	0.430	45.1	4.21	0.391	34.5	3.52	0.308	23.8	2.07	0.194
0.65	107.5	10.89	1.151	43.4	4.20	0.484	33.3	3.03	0.360	26.5	2.50	0.279	21.2	1.94	0.201
0.70	125.2	13.58	1.533	40.6	4.36	0.504	31.1	3.19	0.384	25.8	2.85	0.314	19.0	1.94	0.207
0.75	58.5	10.11	1.261	43.6	5.16	0.621	34.7	4.10	0.492	26.3	3.08	0.367	17.5	2.06	0.218
0.80	79.3	10.00	1.286	31.0	3.90	0.502	29.2	3.72	0.471	24.2	3.16	0.385	16.6	2.12	0.245
0.85	96.7	12.59	1.769	32.1	3.89	0.587	25.3	3.29	0.461	22.0	3.10	0.397	16.7	2.15	0.278
0.90	115.6	16.23	2.372	38.4	5.22	0.786	31.5	4.30	0.643	24.3	3.27	0.488	16.6	2.13	0.306
0.95	202.4	30.21	4.628	52.9	7.73	1.208	35.1	5.11	0.799	24.4	3.41	0.544	16.1	2.07	0.326
1.00	108.7	17.14	2.753	38.4	6.25	0.971	29.3	4.49	0.741	21.9	3.32	0.542	15.4	2.09	0.356
1.10	92.6	15.86	2.839	50.0	8.94	1.531	34.9	6.10	1.067	21.6	3.82	0.648	15.7	2.40	0.430
1.20	141.4	26.56	5.157	42.9	8.94	1.561	32.5	6.80	1.180	21.9	4.46	0.786	15.2	2.74	0.508
1.30	73.3	14.58	3.136	40.0	8.82	1.711	31.7	6.90	1.352	23.2	4.87	0.979	15.1	2.99	0.606
1.40	85.4	13.72	4.239	37.7	8.42	1.867	26.9	5.72	1.337	20.6	4.52	1.006	14.9	3.08	0.684
1.50	92.7	21.66	5.282	35.9	8.16	2.046	24.7	5.42	1.400	17.8	3.85	1.004	15.0	3.34	0.805
1.60	65.7	15.61	4.262	28.2	6.50	1.883	21.8	5.38	1.470	19.9	4.73	1.270	15.3	3.75	0.938
1.70	90.1	23.76	6.593	34.3	9.26	2.505	30.0	7.89	2.185	23.2	6.30	1.668	15.7	4.12	1.080
1.80	141.0	39.37	11.571	54.0	15.37	4.427	38.1	11.09	3.114	25.3	7.68	2.145	16.2	4.38	1.229
1.90	103.2	30.74	9.433	49.3	15.00	4.502	34.3	10.57	3.124	24.0	7.80	2.045	16.2	4.45	1.383
2.00	141.1	43.35	14.300	40.0	11.99	4.052	28.3	8.38	2.839	22.0	7.29	2.191	16.4	4.36	1.538
2.20	85.3	23.90	10.460	38.7	12.51	4.734	31.6	10.33	3.888	23.5	7.80	2.836	16.3	4.61	1.824
2.40	43.4	16.05	6.332	32.7	11.84	4.772	25.6	9.16	3.753	20.8	7.61	2.981	15.8	5.00	2.070
2.60	60.0	23.72	10.268	37.7	14.92	6.454	32.4	12.50	5.525	20.8	8.69	3.882	15.2	5.27	2.307
2.80	93.8	41.60	18.629	52.3	22.72	10.366	36.5	16.01	7.205	23.5	10.52	4.566	14.4	5.45	2.502
3.00	142.1	67.48	32.396	55.9	26.63	12.739	37.1	17.94	8.415	23.3	11.18	5.198	13.1	5.77	2.573
3.20	56.7	29.34	14.715	33.6	17.04	8.711	26.0	14.72	6.710	17.9	10.62	4.533	11.3	5.90	2.504
3.40	68.0	38.04	19.906	35.7	19.05	10.439	24.8	13.42	7.230	16.0	8.99	4.584	10.1	5.78	2.544
3.60	27.1	16.54	8.898	22.4	12.82	7.356	19.8	11.56	6.401	14.9	8.79	4.775	9.2	5.87	2.554
3.80	32.0	18.54	11.692	20.4	15.38	7.461	17.2	10.88	6.245	13.1	8.70	4.657	8.4	5.65	2.658
4.00	34.6	21.17	14.023	21.1	15.35	8.542	16.1	11.05	6.481	12.1	8.35	4.786	8.1	5.50	2.828



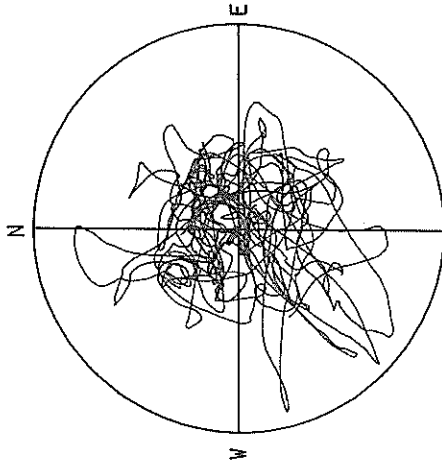
FOURIER SPECTRA

S-1568 SAKATA-S



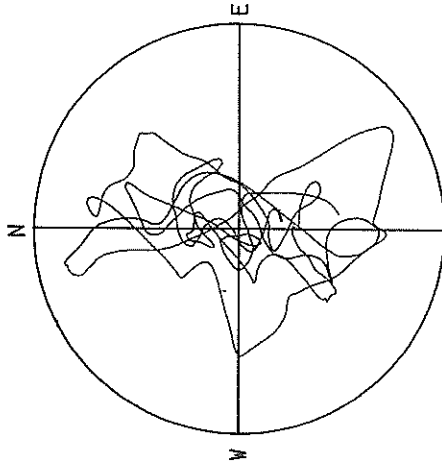
ACCELERATION
R=60.0 GAL
MAX=54.4 GAL

S-1568 SAKATA-S



VELOCITY
R=15.0 CM/SEC.
MAX=14.3 CM/SEC.

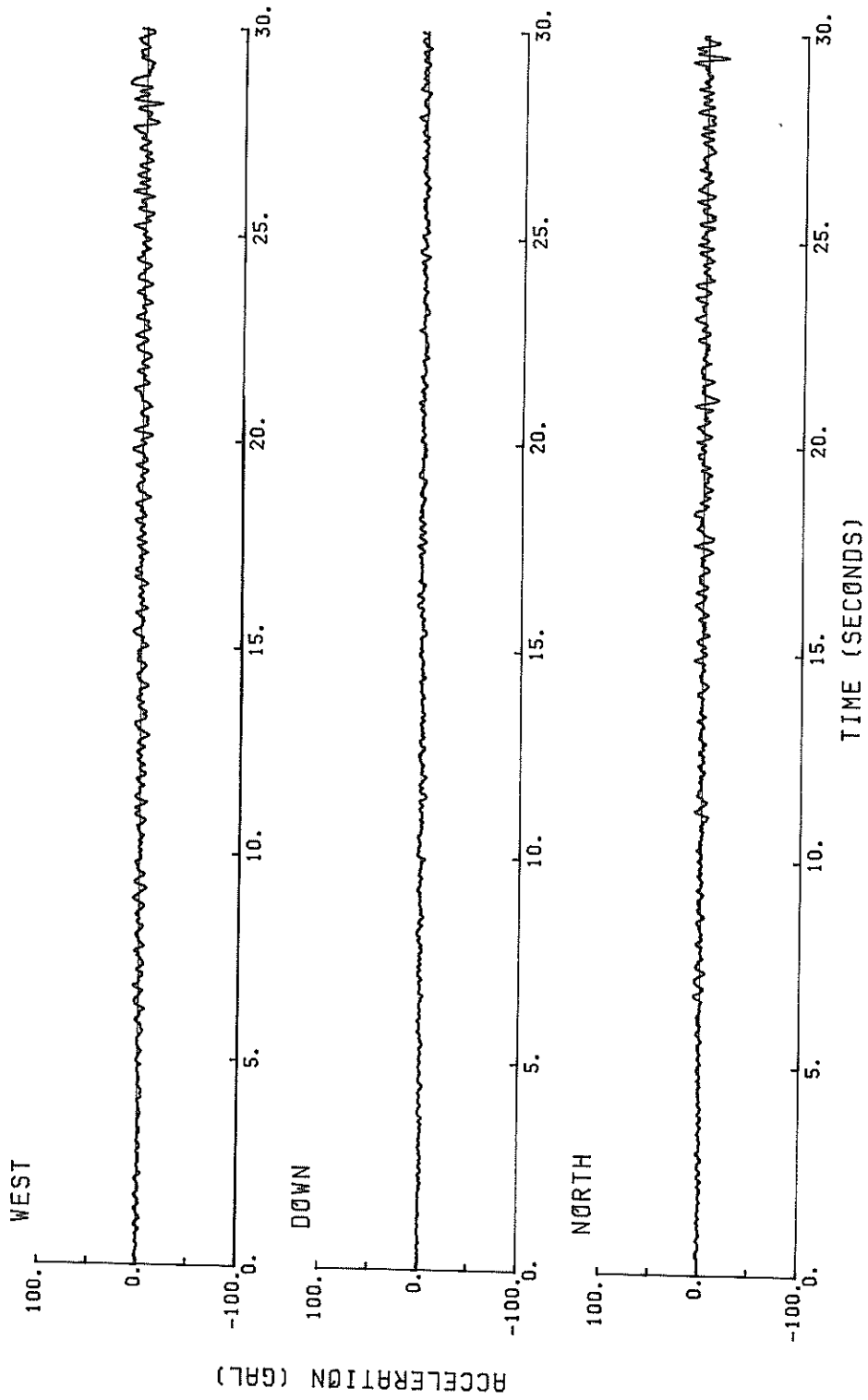
S-1568 SAKATA-S



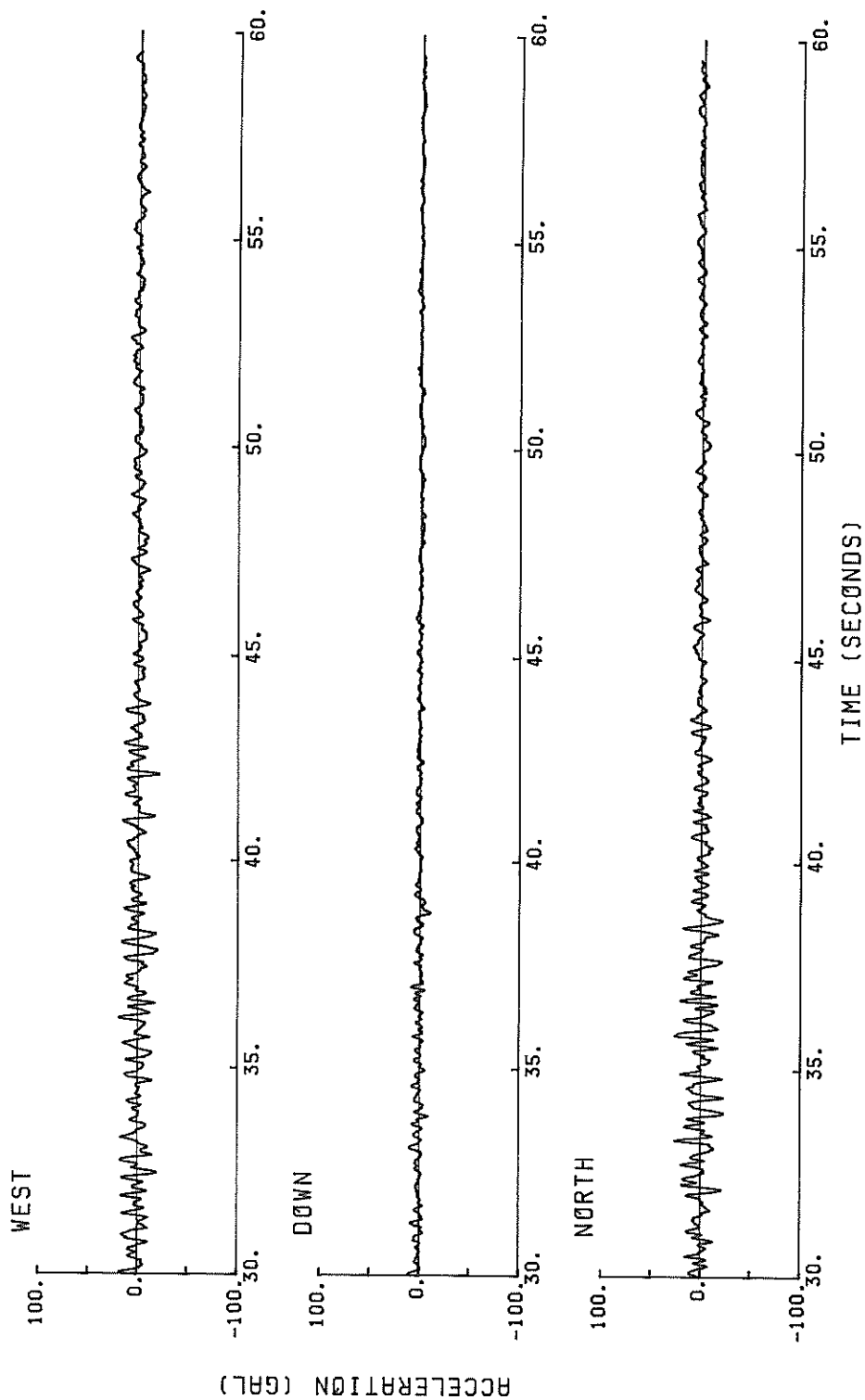
DISPLACEMENT
R=15.00CM
MAX=13.21CM

LOCI OF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

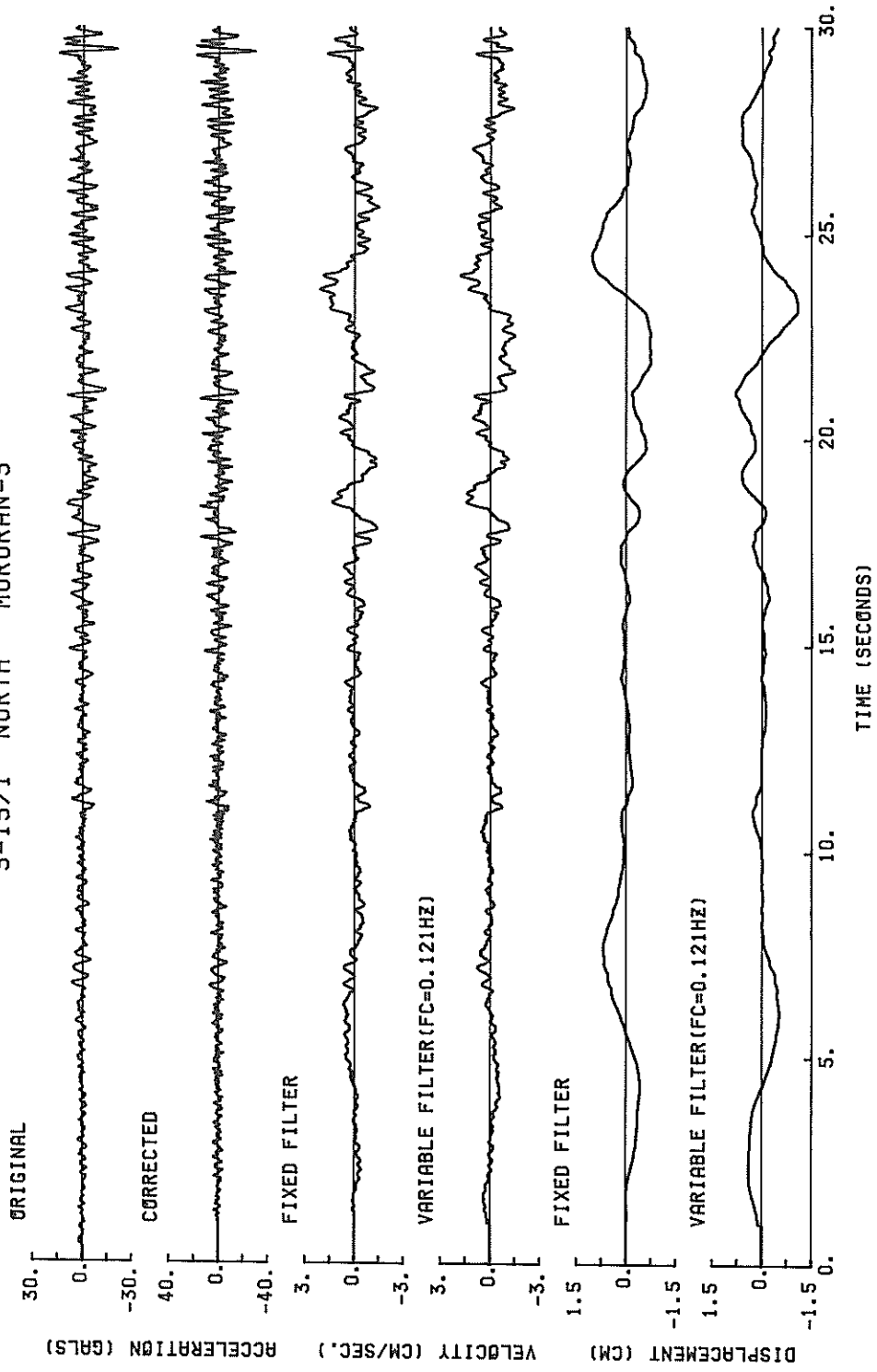
S-1571 MURØRAN-S



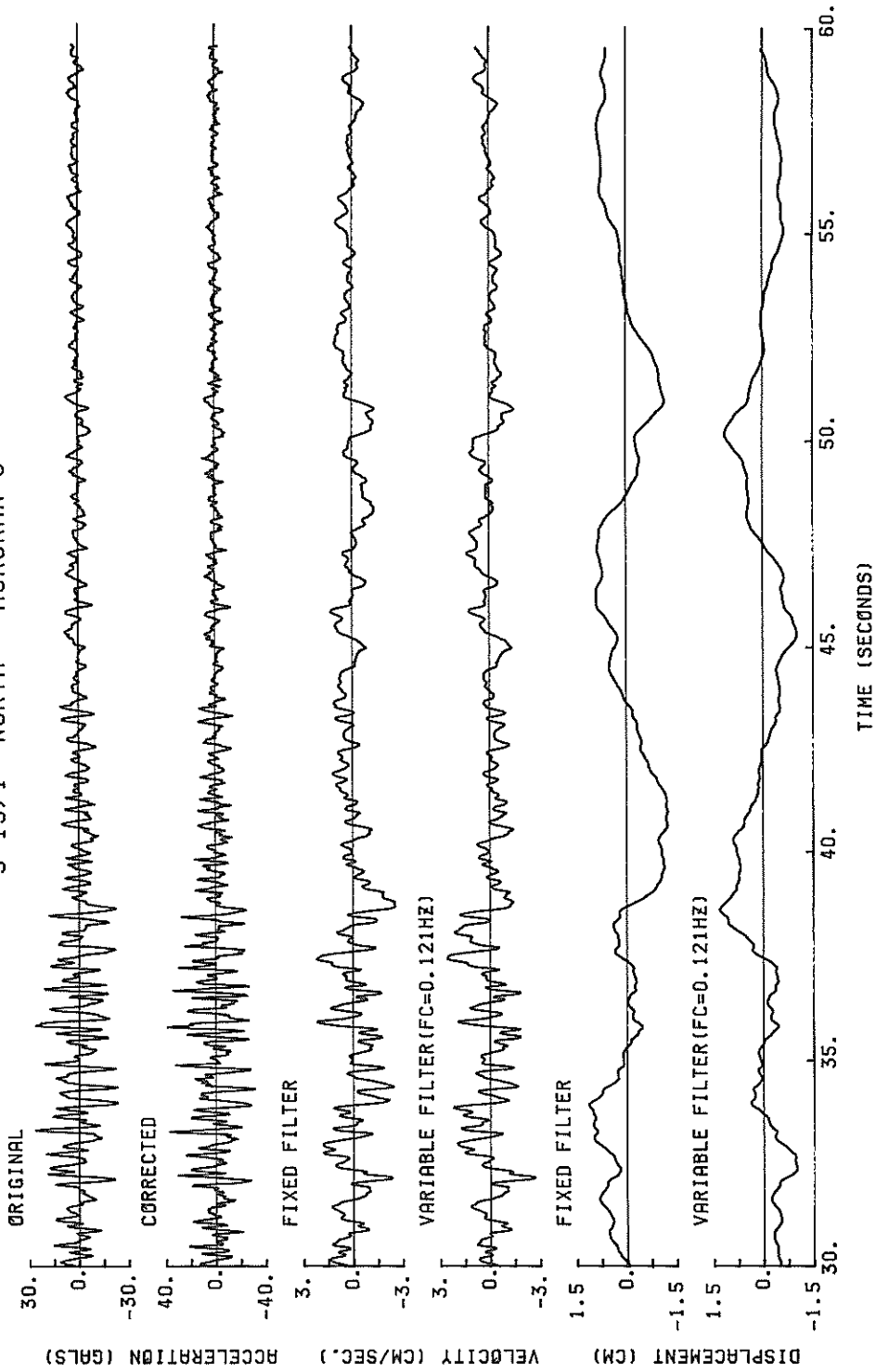
S-1571 MURØRAN-S



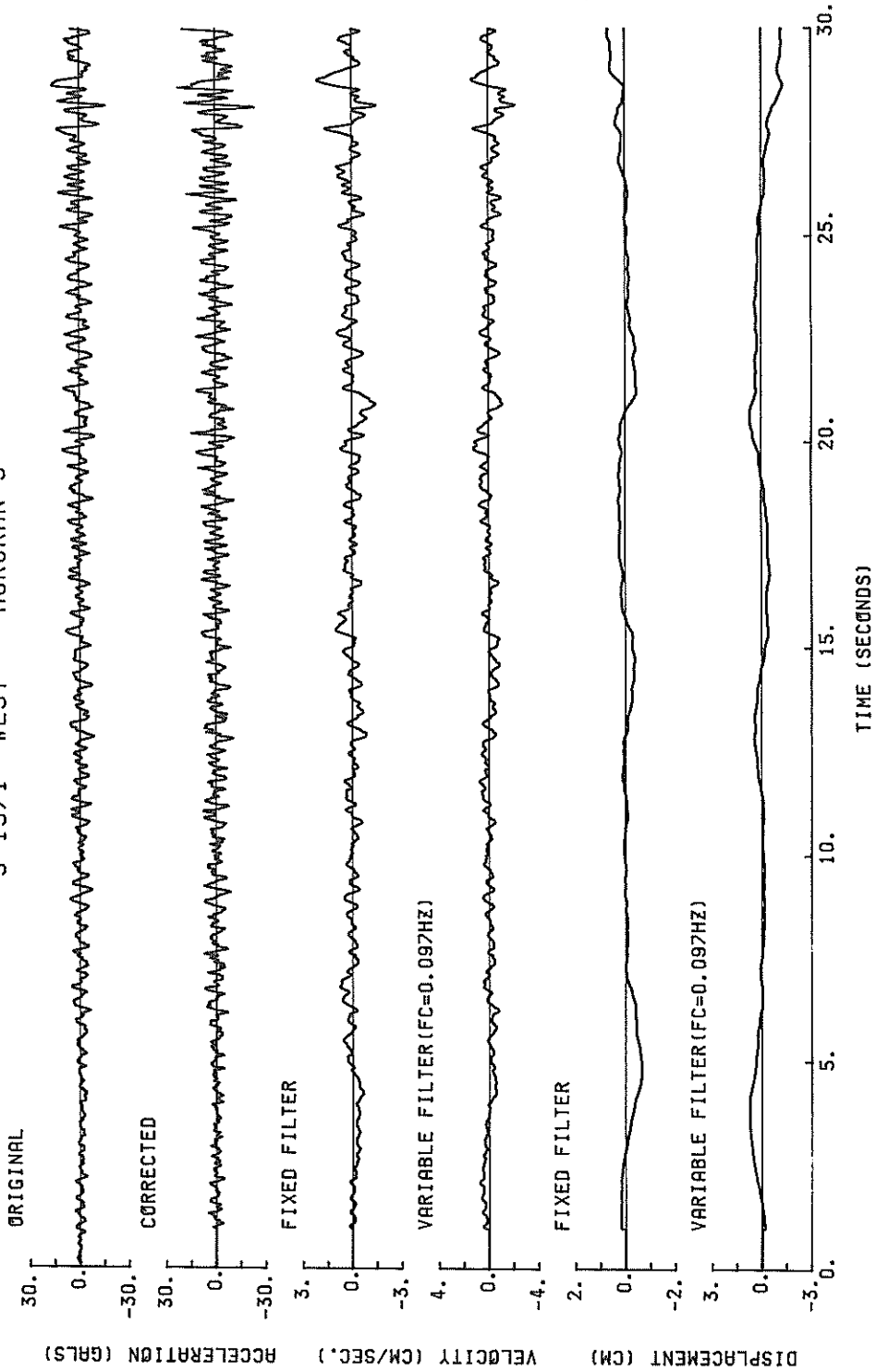
S-1571 NORTH MURÖRAN-S



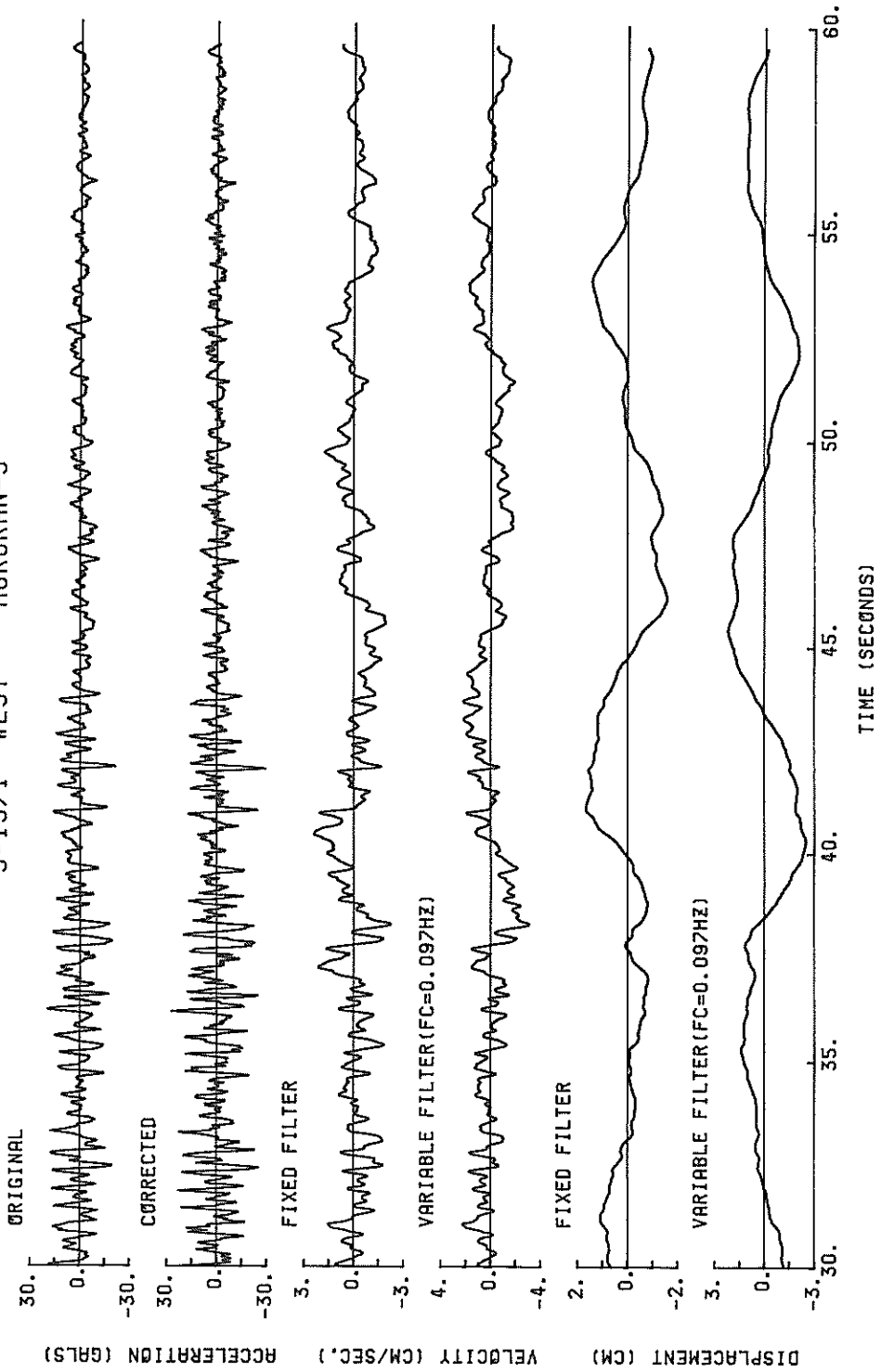
S-1571 NORTH MURØRAN-S



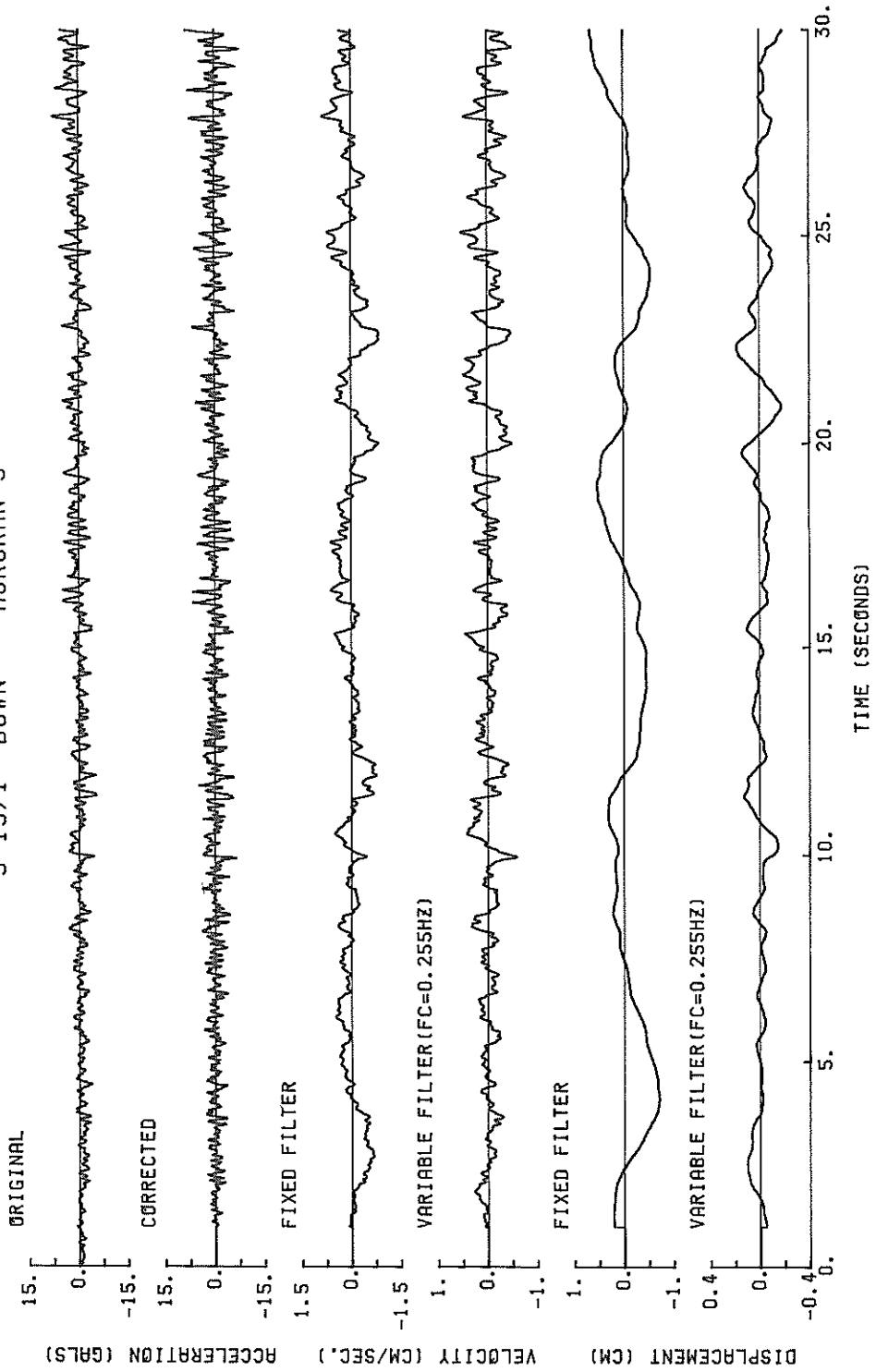
S-1571 WEST MURØRAN-S



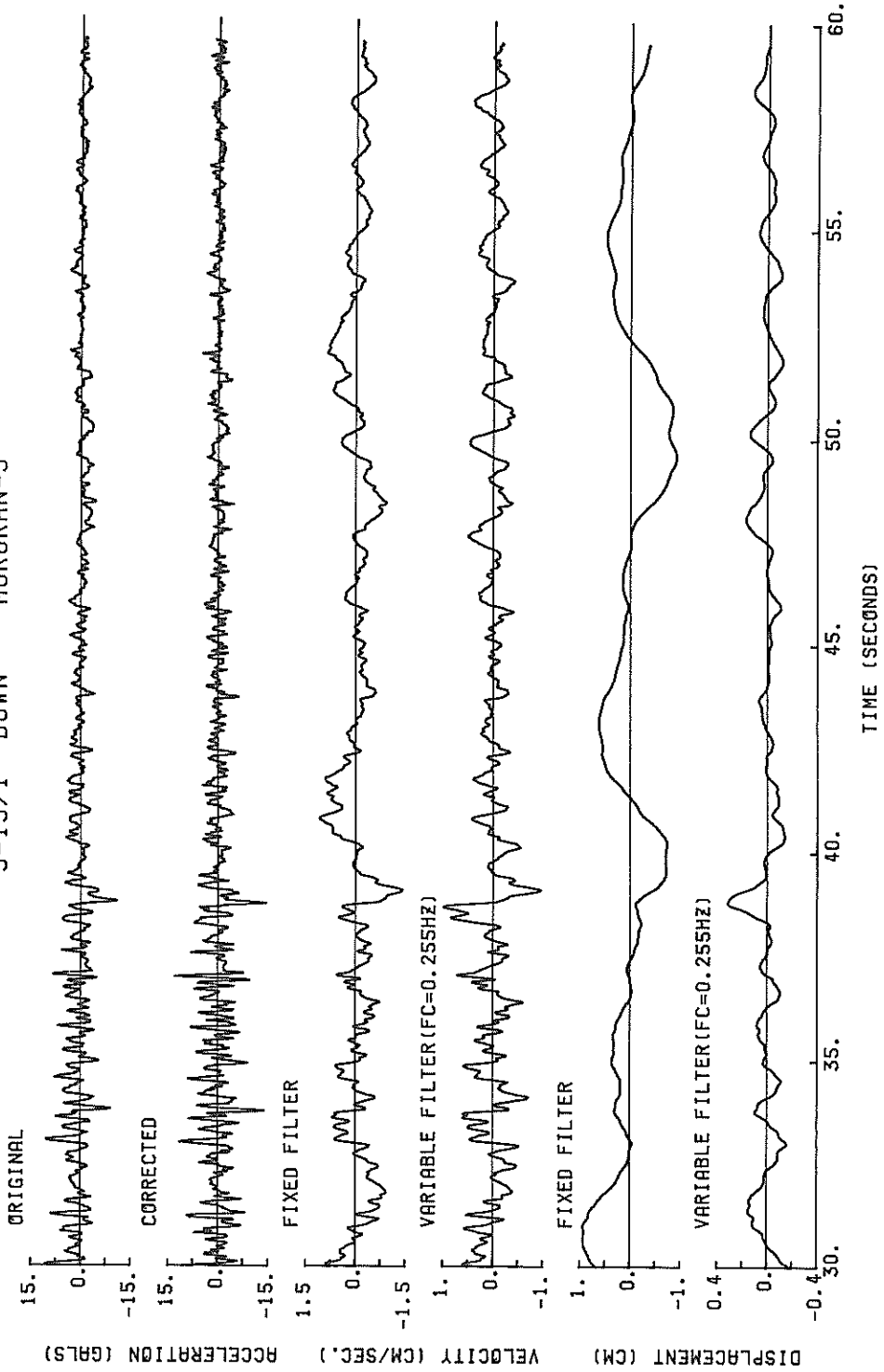
S-1571 WEST MURORAN-S



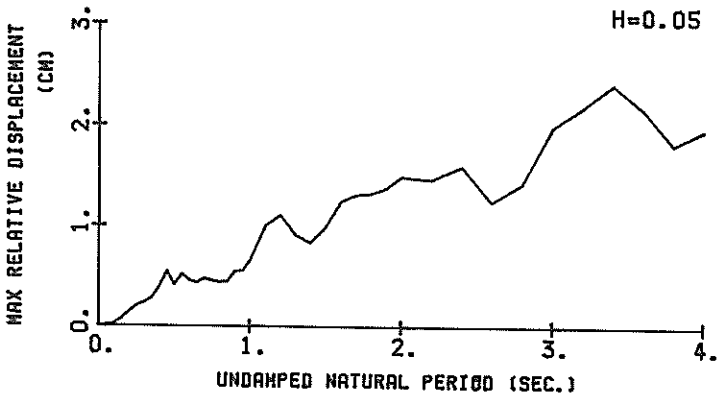
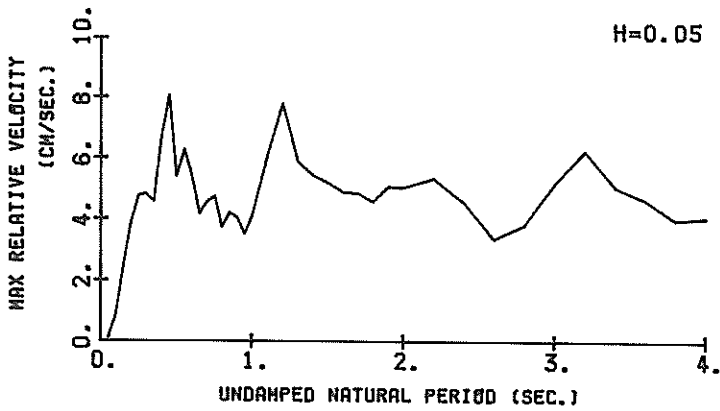
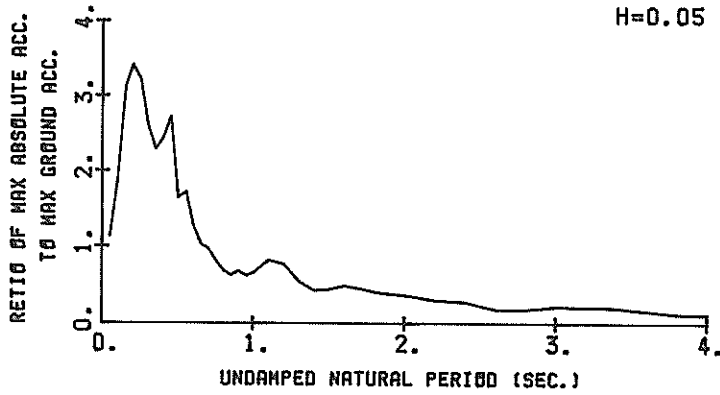
S-1571 DOWN MURØRAN-S



S-1571 DOWN MURORAN-S

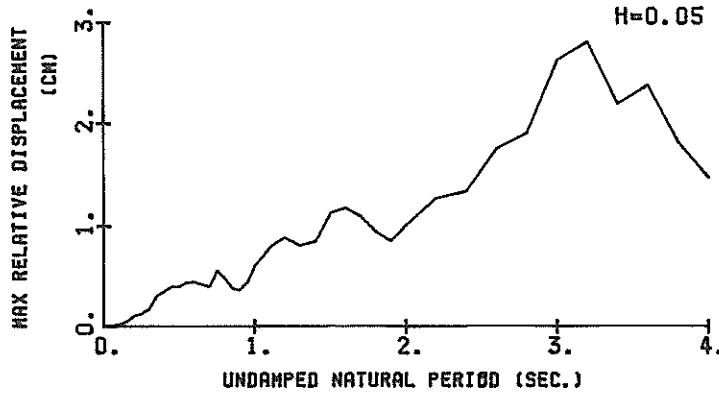
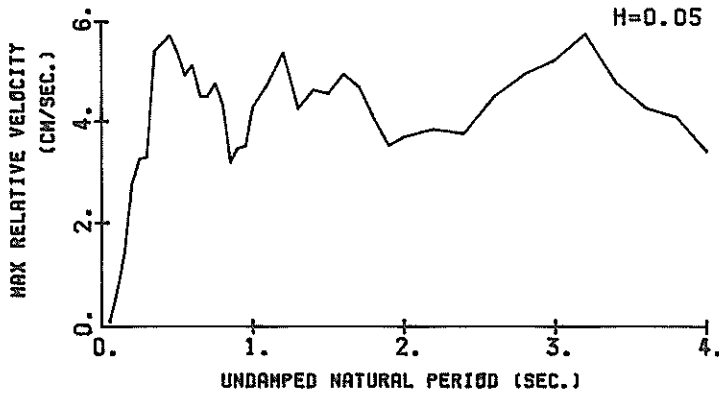
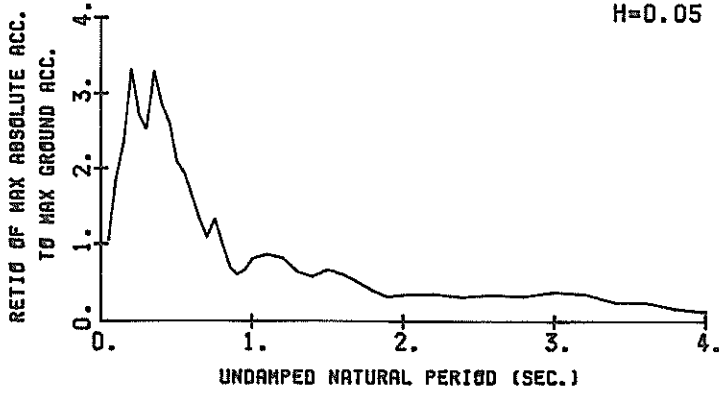


S-1571 NORTH MURORAN-S
(1/FC=8.24 SEC.)



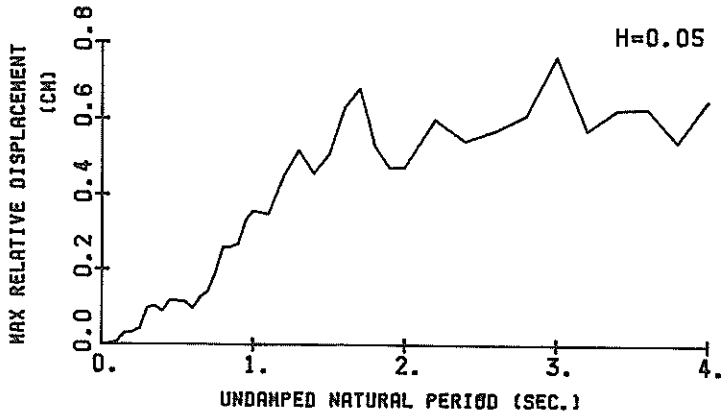
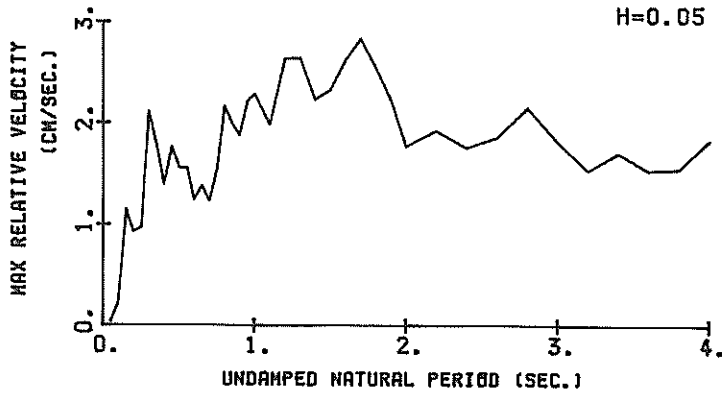
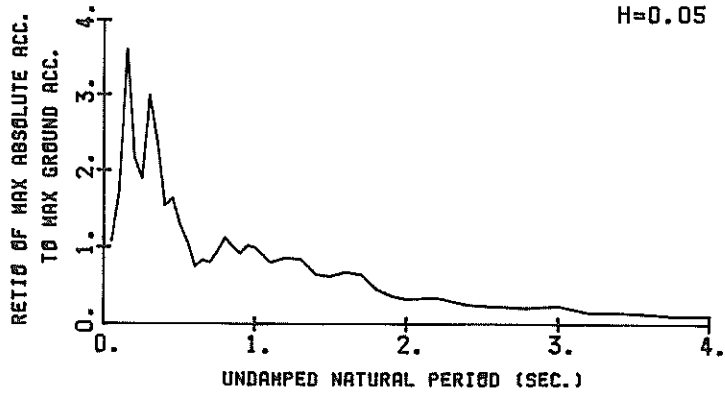
RESPONSE SPECTRA

S-1571 WEST MURORAN-S
(1/FC=10.34SEC.)



RESPONSE SPECTRA

S-1571 DOWN MURORAN-S
(1/FC=3.91 SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = S-1571 COMPONENT = NORTH SIGNAL = GR. ACC. CORRECTION = STATION = MURORAN-S
 DATE AND TIME = 1983-05-26-12-00 SAMPLING INTERVAL = 0.0100(SEC) MAX. GROUND ACC. = 39.89 (GAL)
 TIME LENGTH = 59.449 (SEC) SKIPPED LENGTH = 0.00 (SEC)

DAMPING = 0. DAMPING = 0.025 DAMPING = 0.050 DAMPING = 0.100 DAMPING = 0.250

PER	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	63.5	0.23	0.004	46.4	0.13	0.003	45.8	0.11	0.003	45.0	0.10	0.003	43.9	0.09	0.003
0.10	323.0	4.85	0.082	39.2	1.11	0.023	74.8	0.84	0.019	65.2	0.63	0.016	53.3	0.44	0.013
0.15	224.4	5.26	0.128	165.1	3.55	0.094	124.5	2.52	0.070	90.6	1.63	0.051	63.0	0.89	0.034
0.20	439.4	13.92	0.445	179.1	5.11	0.181	136.2	3.86	0.138	103.1	2.82	0.102	65.3	1.63	0.061
0.25	369.8	14.53	0.585	165.9	6.19	0.263	128.4	4.75	0.202	89.3	3.26	0.139	51.5	1.75	0.074
0.30	351.8	16.93	0.802	143.0	6.60	0.325	104.3	4.82	0.236	70.6	3.07	0.158	44.5	2.02	0.094
0.35	288.7	14.09	0.772	109.1	5.74	0.337	91.4	4.59	0.281	69.3	3.38	0.211	43.7	2.21	0.121
0.40	287.9	17.17	1.086	131.5	8.23	0.531	97.0	6.41	0.391	66.8	4.85	0.266	39.3	2.57	0.137
0.45	391.4	28.05	2.007	166.1	12.13	0.832	108.7	8.05	0.553	65.6	5.02	0.327	35.5	2.65	0.162
0.50	146.4	11.75	0.927	83.9	6.62	0.531	63.4	5.37	0.412	47.5	4.26	0.295	34.1	2.66	0.193
0.55	229.6	20.43	1.759	96.0	8.54	0.733	68.5	6.26	0.523	48.0	4.15	0.358	33.0	2.67	0.219
0.60	112.6	10.73	1.027	55.6	6.01	0.506	51.0	5.42	0.463	38.7	4.17	0.345	30.2	2.54	0.231
0.65	51.1	5.22	0.567	42.1	4.33	0.450	41.2	4.16	0.437	34.7	3.48	0.361	26.8	2.43	0.233
0.70	83.6	9.54	1.033	45.0	5.15	0.558	38.9	4.53	0.479	30.3	3.59	0.363	23.7	2.51	0.232
0.75	96.1	12.63	1.370	45.4	6.42	0.646	32.2	3.72	0.454	25.4	3.54	0.348	21.7	2.56	0.252
0.80	83.8	10.54	1.359	32.7	4.54	0.530	27.6	3.72	0.444	23.1	3.08	0.365	20.6	2.55	0.266
0.85	63.7	9.92	1.165	32.2	5.48	0.589	24.9	4.21	0.453	20.7	3.26	0.369	19.4	2.54	0.278
0.90	43.8	6.09	0.898	32.3	4.71	0.662	27.2	4.05	0.555	21.3	3.10	0.427	18.4	2.56	0.291
0.95	49.5	7.21	1.131	28.4	4.12	0.647	24.5	3.53	0.558	20.4	3.10	0.458	17.7	2.65	0.310
1.00	39.1	6.67	0.991	29.9	4.97	0.756	26.2	4.10	0.660	20.7	3.57	0.512	17.2	2.74	0.330
1.10	98.4	17.29	3.017	48.5	8.85	1.484	33.0	6.05	1.002	22.4	4.49	0.658	16.0	3.06	0.359
1.20	70.5	13.11	2.573	43.5	10.21	1.584	30.6	7.77	1.111	19.4	5.34	0.667	13.8	3.34	0.356
1.30	46.2	11.01	1.973	28.2	7.34	1.207	21.6	5.91	0.919	16.9	4.66	0.702	11.4	3.60	0.322
1.40	48.2	10.68	2.591	21.0	5.87	1.039	17.0	5.44	0.840	14.5	4.67	0.708	11.1	3.25	0.469
1.50	30.8	7.05	1.758	21.1	5.59	1.200	17.6	5.19	0.993	13.8	4.46	0.756	10.3	3.18	0.697
1.60	75.2	19.67	4.879	24.4	6.82	1.578	19.4	4.89	1.250	13.9	3.91	0.876	9.4	3.15	0.542
1.70	48.8	13.87	3.570	25.0	6.83	1.829	18.0	4.87	1.313	13.5	3.70	0.904	8.9	3.05	0.579
1.80	48.3	19.13	4.007	19.2	5.55	1.574	16.2	4.59	1.324	11.9	3.59	0.904	8.6	2.93	0.612
1.90	37.3	10.96	3.409	21.5	6.78	1.863	15.2	5.08	1.379	11.0	3.52	0.980	8.2	2.78	0.638
2.00	23.0	7.72	2.326	20.0	6.72	2.024	14.3	5.04	1.493	10.4	3.60	1.027	7.8	2.60	0.655
2.20	18.3	7.16	2.245	14.9	6.29	1.820	12.0	5.34	1.466	9.0	3.92	1.077	7.0	2.34	0.701
2.40	25.5	9.66	3.724	14.3	5.83	2.069	11.1	4.56	1.594	8.5	3.41	1.195	6.3	2.56	0.774
2.60	10.0	5.74	1.707	8.5	4.15	1.456	7.3	3.37	1.247	6.4	3.20	1.029	5.6	2.72	0.801
2.80	19.7	3.97	3.910	9.1	4.65	1.813	8.3	3.82	1.425	6.2	3.31	1.124	5.2	2.84	0.813
3.00	14.1	3.225	11.1	6.09	2.525	2.825	8.8	5.15	1.980	6.2	4.04	1.335	4.7	2.99	0.846
3.20	21.9	11.33	5.680	11.5	7.85	2.967	8.6	6.23	2.178	5.8	4.57	1.396	4.5	3.16	0.931
3.40	10.5	11.04	5.703	11.6	6.80	3.398	8.3	5.06	2.399	5.7	4.26	1.568	4.4	3.21	1.015
3.60	19.4	7.54	3.416	7.7	5.74	2.531	6.7	4.65	2.161	5.3	3.67	1.683	4.2	3.18	1.077
3.80	5.8	4.13	2.110	5.3	4.23	1.920	5.0	3.99	1.810	4.7	3.74	1.649	4.0	3.10	1.124
4.00	5.1	4.00	2.069	5.0	4.05	2.037	4.9	4.06	1.957	4.4	3.86	1.696	3.8	3.07	1.161

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1571 COMPONENT = WEST SIGNAL = GR. ACC. CORRECTION = MAX.GROUND ACC. = 29.99 (GAL) STATION = MURORAN-S
 DATE AND TIME = 1993-05-26-12-00 SAMPRING INTERVAL = 0.0100(SEC) MAX. GROUND ACC. = 29.99 (GAL)
 TIME LENGTH = 59.449 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	51.7	0.33	0.003	31.1	0.09	0.002	32.0	0.09	0.002	32.2	0.09	0.002	31.9	0.07	0.002					
0.10	145.8	2.14	0.037	78.8	0.98	0.020	55.3	0.65	0.014	41.0	0.49	0.010	34.6	0.30	0.009					
0.15	201.1	4.52	0.115	83.8	1.80	0.048	70.8	1.44	0.040	57.3	1.13	0.032	40.4	0.74	0.022					
0.20	541.0	16.99	0.548	128.2	3.82	0.130	99.6	2.74	0.101	73.3	1.90	0.073	47.0	1.17	0.044					
0.25	230.1	8.77	0.364	98.1	3.89	0.156	81.5	3.25	0.127	60.9	2.48	0.094	44.5	1.45	0.064					
0.30	193.7	8.64	0.442	95.1	3.97	0.217	75.9	3.29	0.172	58.0	2.60	0.126	39.7	1.63	0.085					
0.35	578.8	31.93	1.796	137.6	7.52	0.426	98.8	5.41	0.305	70.7	3.75	0.216	42.4	1.94	0.121					
0.40	288.5	18.08	1.168	102.4	6.62	0.414	86.1	5.56	0.347	58.4	4.16	0.271	40.9	2.20	0.147					
0.45	509.2	22.43	1.586	100.8	6.87	0.516	78.6	5.72	0.401	58.9	4.37	0.295	35.5	2.47	0.164					
0.50	108.4	8.60	0.636	77.7	6.48	0.492	63.2	5.40	0.398	47.7	4.11	0.295	31.4	2.48	0.178					
0.55	156.5	11.92	1.046	70.8	6.23	0.541	58.4	4.92	0.445	41.7	3.51	0.313	26.7	2.31	0.180					
0.60	137.4	13.15	1.253	56.4	5.94	0.514	49.4	5.14	0.448	38.1	3.78	0.340	23.1	2.15	0.185					
0.65	127.9	13.22	1.369	49.1	5.57	0.565	39.8	4.51	0.424	30.9	3.46	0.324	20.3	2.26	0.190					
0.70	139.6	16.05	1.730	47.5	6.21	0.589	32.7	4.50	0.404	23.8	3.32	0.288	17.4	2.24	0.190					
0.75	164.9	19.39	2.350	58.4	6.82	0.831	40.0	4.77	0.567	25.6	3.27	0.353	15.7	2.17	0.193					
0.80	71.0	9.88	1.151	42.2	5.77	0.683	30.4	4.34	0.490	20.5	3.16	0.324	14.7	2.08	0.213					
0.85	53.3	3.04	0.976	26.2	3.85	0.479	21.0	3.19	0.382	16.4	2.87	0.291	14.3	2.32	0.231					
0.90	31.0	5.30	0.636	20.9	3.88	0.429	17.9	3.47	0.365	16.8	2.99	0.337	14.1	2.52	0.233					
0.95	36.7	6.18	0.838	20.9	3.82	0.478	19.8	3.51	0.450	18.3	2.97	0.409	14.3	2.39	0.280					
1.00	44.2	7.67	1.119	27.6	5.16	0.699	24.4	4.28	0.615	20.0	3.40	0.494	14.7	2.44	0.318					
1.10	117.9	20.65	3.612	37.9	6.91	1.161	26.2	4.77	0.798	20.2	3.63	0.609	15.1	2.49	0.388					
1.20	67.1	13.12	2.449	31.6	6.56	1.150	24.7	5.39	0.896	18.5	4.08	0.652	14.9	2.46	0.441					
1.30	28.5	6.13	1.218	20.9	4.69	0.894	19.3	4.26	0.817	17.2	3.67	0.705	16.0	2.49	0.471					
1.40	27.5	6.63	1.367	21.6	5.88	1.070	17.3	4.65	0.855	14.5	3.66	0.691	12.8	2.72	0.481					
1.50	37.7	9.86	2.151	23.7	5.35	1.345	20.2	4.57	1.136	13.9	3.72	0.755	11.4	2.87	0.498					
1.60	47.3	12.68	3.065	24.7	6.71	1.602	18.3	6.96	1.179	13.3	3.82	0.835	10.1	2.94	0.566					
1.70	39.0	11.69	2.855	20.0	6.04	1.463	15.2	4.71	1.104	12.6	3.77	0.887	10.1	2.97	0.619					
1.80	38.7	11.10	3.175	14.4	4.62	1.179	11.8	4.08	0.960	10.9	3.53	0.858	9.8	2.98	0.661					
1.90	19.6	6.67	1.790	13.1	4.20	1.194	9.5	3.54	0.861	9.5	3.36	0.833	9.5	2.98	0.699					
2.00	21.4	6.94	2.172	13.6	4.60	1.375	10.0	3.71	1.011	9.3	3.43	0.902	9.1	3.00	0.737					
2.20	26.4	9.85	3.232	12.5	4.42	1.533	10.5	3.86	1.276	8.9	3.46	1.067	8.5	3.07	0.812					
2.40	12.9	5.09	1.883	10.6	4.31	1.546	9.3	3.78	1.342	8.5	3.57	1.217	7.9	3.14	0.889					
2.60	21.6	8.58	3.702	11.6	5.41	1.979	10.4	4.52	1.760	8.6	3.96	1.436	7.1	3.18	0.948					
2.80	16.9	7.98	3.539	11.9	5.74	2.357	9.7	4.97	1.910	7.8	4.27	1.529	6.3	3.13	0.968					
3.00	23.6	12.46	5.841	16.0	7.07	3.647	7.0	5.26	2.630	7.7	4.43	1.688	5.4	3.25	0.980					
3.20	24.3	12.12	6.305	15.5	7.96	4.025	10.9	5.79	2.816	7.0	4.24	1.756	4.9	3.27	1.041					
3.40	17.3	10.18	5.213	9.9	6.20	2.899	7.5	4.81	2.193	6.3	4.00	1.767	4.8	3.22	1.127					
3.60	12.2	7.74	4.009	9.0	5.48	2.937	7.4	4.30	2.384	5.9	3.66	1.837	4.5	3.11	1.192					
3.80	7.5	5.70	2.750	5.1	4.77	1.879	5.1	4.12	1.827	5.1	3.40	1.716	4.5	2.98	1.278					
4.00	6.7	5.03	2.734	4.7	4.01	1.907	3.8	3.43	1.481	4.4	3.06	1.625	4.2	2.86	1.345					

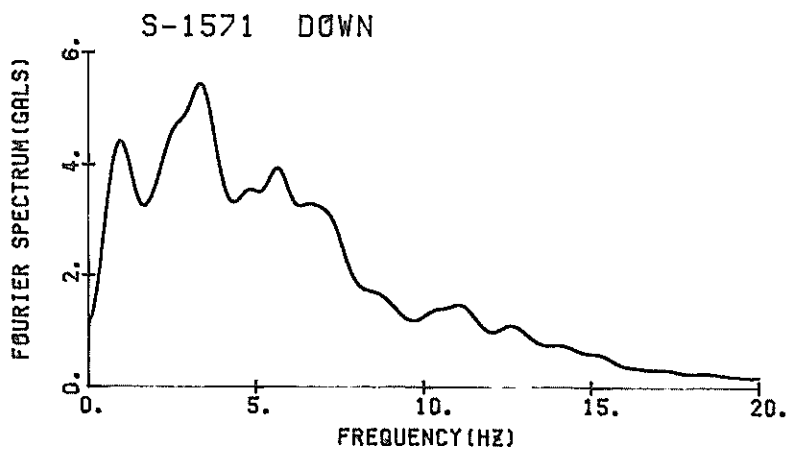
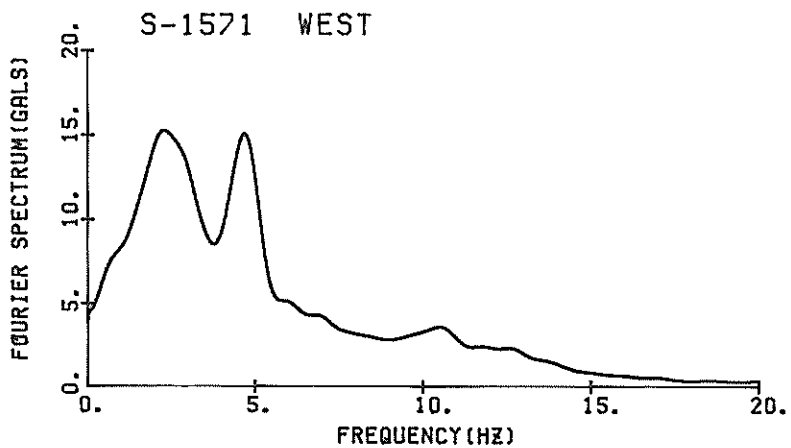
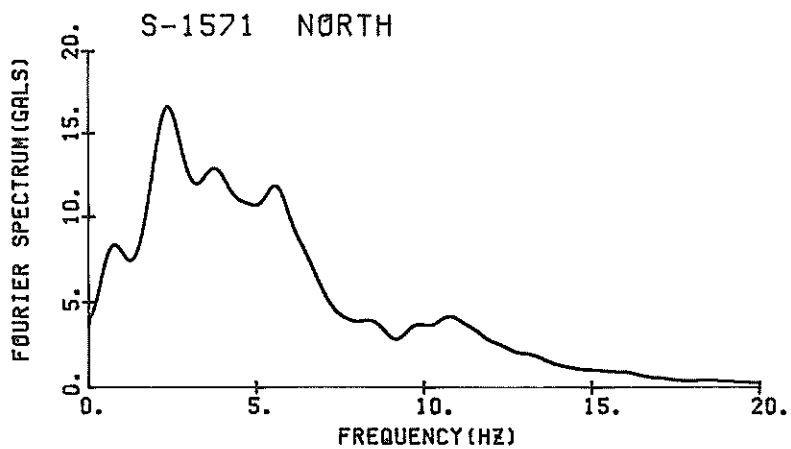
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1571 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = STATION = MUROHAN-S
 DATE AND TIME = 1983-05-26-12-00 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 14.59 (GAL)
 TIME LENGTH = 59.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

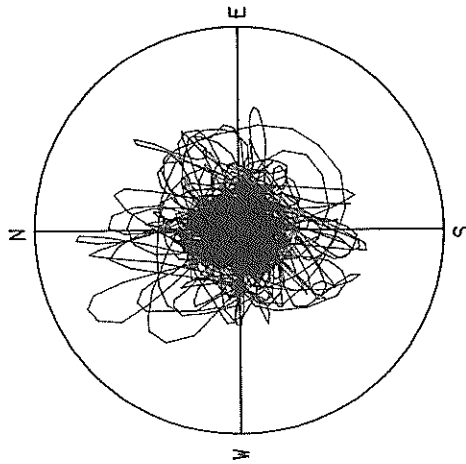
PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	27.0	0.16	0.002	16.4	0.05	0.001	15.6	0.04	0.001	15.2	0.03	0.001	15.3	0.03	0.001
0.10	86.0	1.31	0.02	26.7	0.27	0.007	24.8	0.22	0.006	22.8	0.20	0.006	20.2	0.18	0.005
0.15	143.2	3.30	0.082	66.7	1.48	0.038	51.9	1.15	0.030	37.2	0.43	0.021	24.3	0.44	0.013
0.20	110.2	3.45	0.112	42.4	1.26	0.043	31.2	0.93	0.032	23.8	0.70	0.023	17.8	0.51	0.017
0.25	134.5	5.15	0.213	31.7	1.21	0.050	27.3	0.97	0.043	24.4	0.79	0.038	19.4	0.53	0.028
0.30	208.7	9.93	0.476	67.3	3.17	0.154	43.0	2.10	0.097	29.3	1.38	0.065	19.3	0.69	0.039
0.35	76.3	4.30	0.237	44.1	2.29	0.137	33.9	1.77	0.105	25.1	1.32	0.077	16.3	0.77	0.045
0.40	89.5	5.76	0.363	28.5	1.74	0.115	22.2	1.40	0.089	17.0	1.09	0.067	13.6	0.71	0.048
0.45	52.0	3.69	0.267	29.5	2.24	0.151	23.5	1.76	0.120	17.6	1.26	0.088	12.2	0.81	0.054
0.50	68.3	5.46	0.433	21.2	1.73	0.134	18.7	1.56	0.118	14.8	1.29	0.091	10.4	0.86	0.056
0.55	65.3	5.72	0.500	21.5	2.10	0.145	15.2	1.56	0.115	11.6	1.26	0.087	8.9	0.85	0.062
0.60	18.9	1.82	0.172	13.8	1.40	0.125	10.3	1.25	0.097	9.5	1.05	0.086	8.8	0.78	0.073
0.65	43.1	4.38	0.461	16.0	1.87	0.171	12.0	1.59	0.128	10.4	0.98	0.110	8.8	0.73	0.085
0.70	63.2	6.99	0.784	14.3	1.66	0.177	11.6	1.24	0.143	10.6	1.08	0.129	8.7	0.84	0.097
0.75	43.4	5.05	0.618	15.6	1.62	0.222	13.7	1.55	0.194	11.3	1.37	0.158	8.5	0.95	0.108
0.80	47.0	5.93	0.761	20.7	2.70	0.336	16.1	2.16	0.263	11.4	1.63	0.184	8.1	1.04	0.120
0.85	34.4	4.58	0.629	16.1	2.10	0.295	14.4	1.99	0.263	11.4	1.67	0.205	7.7	1.09	0.134
0.90	25.0	3.46	0.513	15.5	2.10	0.318	13.2	1.88	0.270	11.0	1.65	0.221	7.6	1.11	0.147
0.95	28.5	4.39	0.652	18.9	2.75	0.433	14.7	2.21	0.335	10.6	1.59	0.237	7.4	1.12	0.159
1.00	29.3	4.59	0.742	18.1	2.96	0.456	14.3	2.28	0.339	9.6	1.55	0.239	7.3	1.10	0.170
1.10	45.9	7.85	1.407	16.9	2.89	0.516	11.5	1.98	0.351	7.9	1.55	0.235	7.0	1.07	0.194
1.20	27.0	5.37	0.986	16.3	3.46	0.596	12.4	2.63	0.450	8.8	1.71	0.313	6.9	1.08	0.225
1.30	27.5	5.71	1.181	14.7	3.29	0.650	12.2	2.63	0.518	9.1	1.96	0.379	6.9	1.20	0.256
1.40	13.8	3.43	0.683	9.9	2.34	0.490	9.3	2.22	0.458	8.4	1.93	0.404	6.7	1.24	0.281
1.50	18.0	6.22	1.028	10.3	2.64	0.588	9.0	2.32	0.508	8.0	1.95	0.441	6.3	1.22	0.297
1.60	23.9	6.47	1.680	11.0	3.05	0.773	9.7	2.61	0.627	7.8	1.96	0.486	5.8	1.25	0.302
1.70	10.1	6.36	1.699	12.6	3.64	0.918	9.3	2.85	0.680	6.7	2.11	0.484	5.2	1.31	0.296
1.80	10.1	2.98	0.833	6.8	2.67	0.558	6.6	2.54	0.533	5.4	2.09	0.433	4.5	1.35	0.282
1.90	9.4	2.96	0.856	5.9	2.47	0.534	5.3	2.22	0.474	4.2	1.89	0.364	3.9	1.35	0.268
2.00	12.6	4.45	1.279	6.5	2.34	0.657	4.7	1.77	0.475	3.5	1.60	0.344	3.5	1.33	0.258
2.20	5.31	1.866	1.866	6.6	2.46	0.808	4.9	1.93	0.600	3.5	1.40	0.418	2.8	1.28	0.252
2.40	11.1	4.51	1.823	5.2	2.18	0.763	3.7	1.76	0.544	3.0	1.39	0.426	2.5	1.27	0.280
2.60	4.4	1.90	0.762	3.8	1.98	0.656	3.4	1.86	0.610	2.8	1.37	0.459	2.2	1.28	0.291
2.80	10.5	4.71	2.086	4.5	2.64	0.887	3.1	2.15	0.610	2.4	1.68	0.443	1.9	1.28	0.285
3.00	5.3	2.71	1.210	4.3	2.21	0.964	3.4	1.81	0.764	2.4	1.51	0.523	1.7	1.27	0.286
3.20	5.7	2.92	1.466	2.9	1.93	0.748	2.2	1.54	0.569	1.9	1.29	0.445	1.5	1.27	0.293
3.40	4.7	3.06	1.365	2.9	2.10	0.840	2.2	1.70	0.624	1.6	1.44	0.455	1.4	1.29	0.290
3.60	3.1	2.14	1.004	2.3	1.81	0.745	1.9	1.54	0.627	1.5	1.43	0.463	1.3	1.30	0.284
3.80	2.7	2.01	0.992	1.9	1.56	0.676	1.5	1.55	0.541	1.2	1.48	0.434	1.1	1.30	0.281
4.00	3.9	2.87	1.599	2.3	2.16	0.910	1.6	1.82	0.648	1.2	1.53	0.420	1.1	1.29	0.282

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



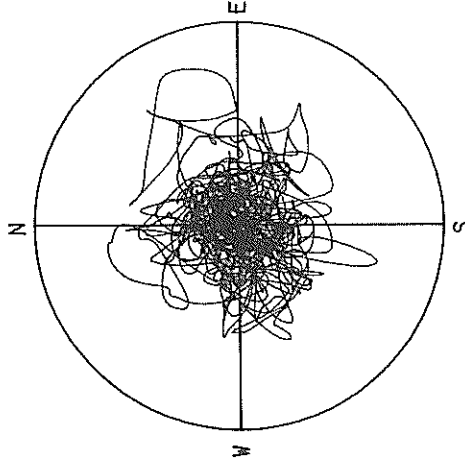
FOURIER SPECTRA

S-1571 MURØRAN-S



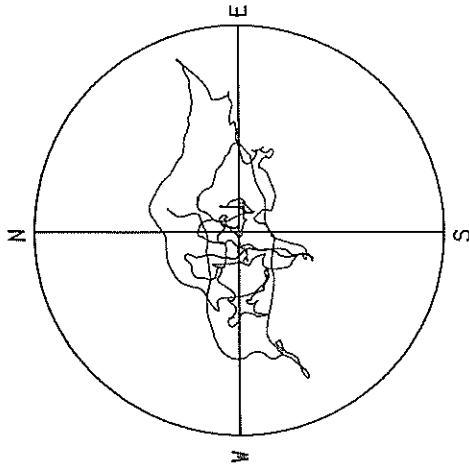
ACCELERATION
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MAX=41.9 GAL

S-1571 MURØRAN-S



VELOCITY
R=4.0 CM/SEC.
MAX=3.3 CM/SEC.

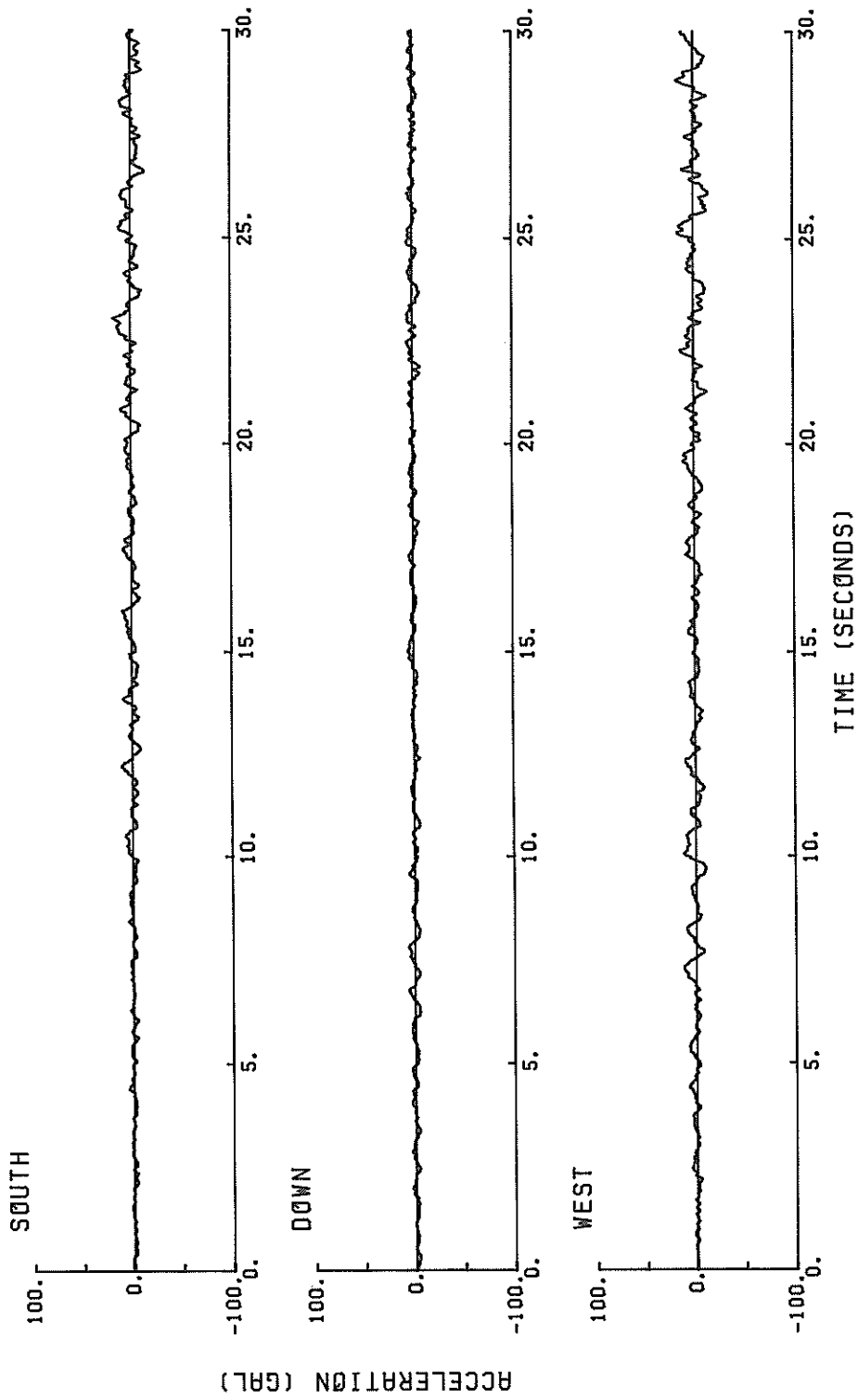
S-1571 MURØRAN-S



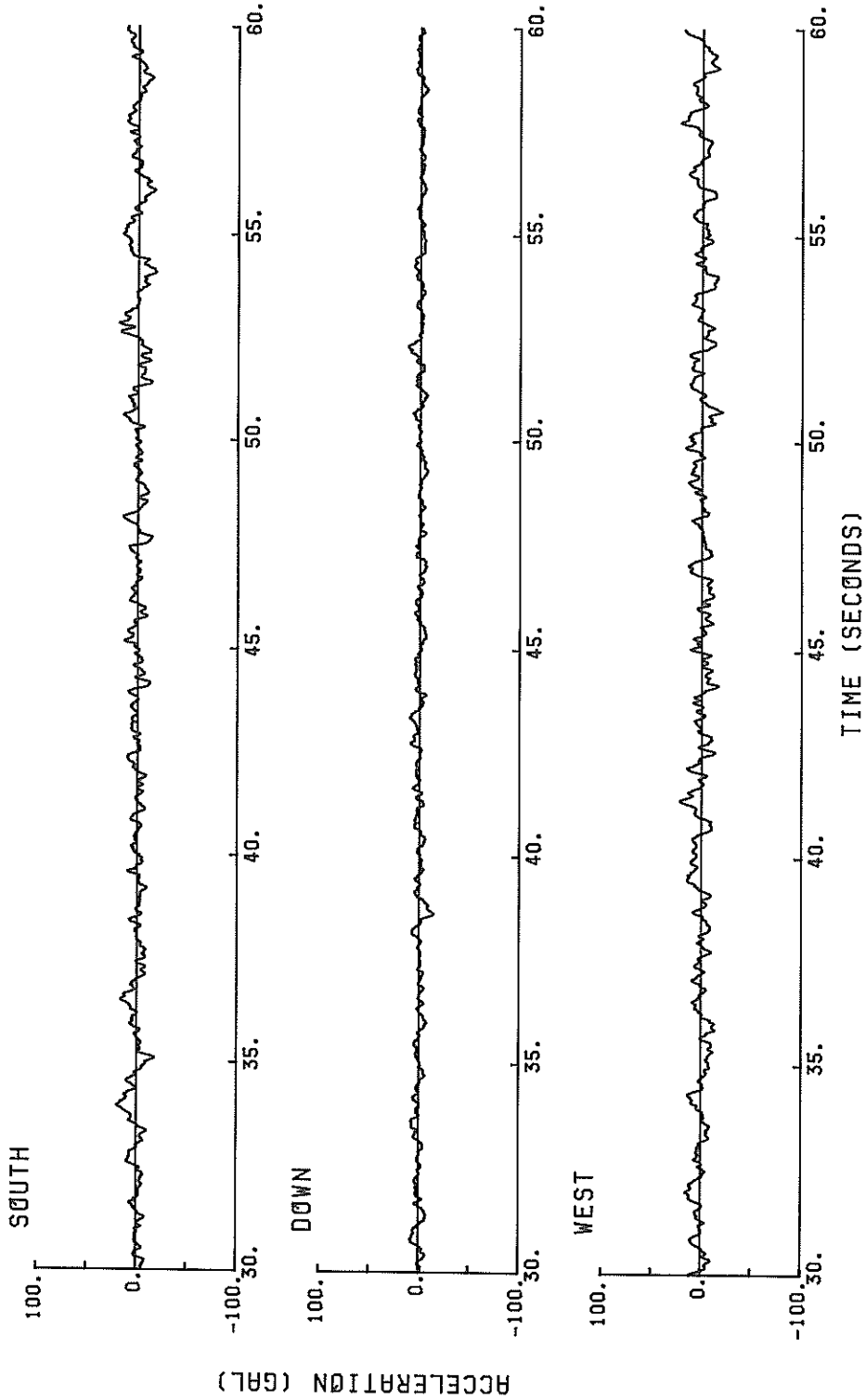
DISPLACEMENT
R=3.00 CM
MAX=2.65 CM

LOCI OF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

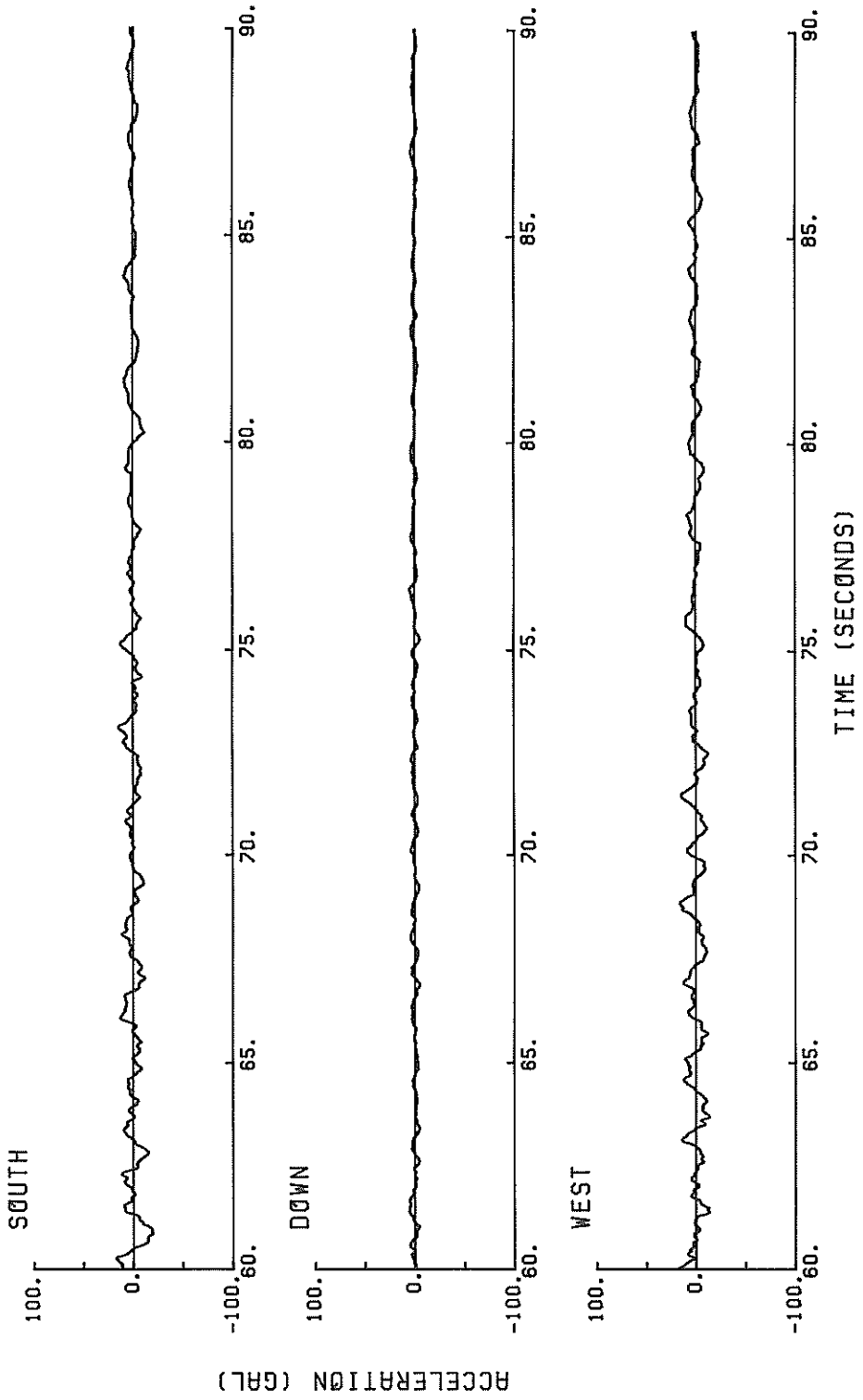
S-1575 HACHINØHE-S



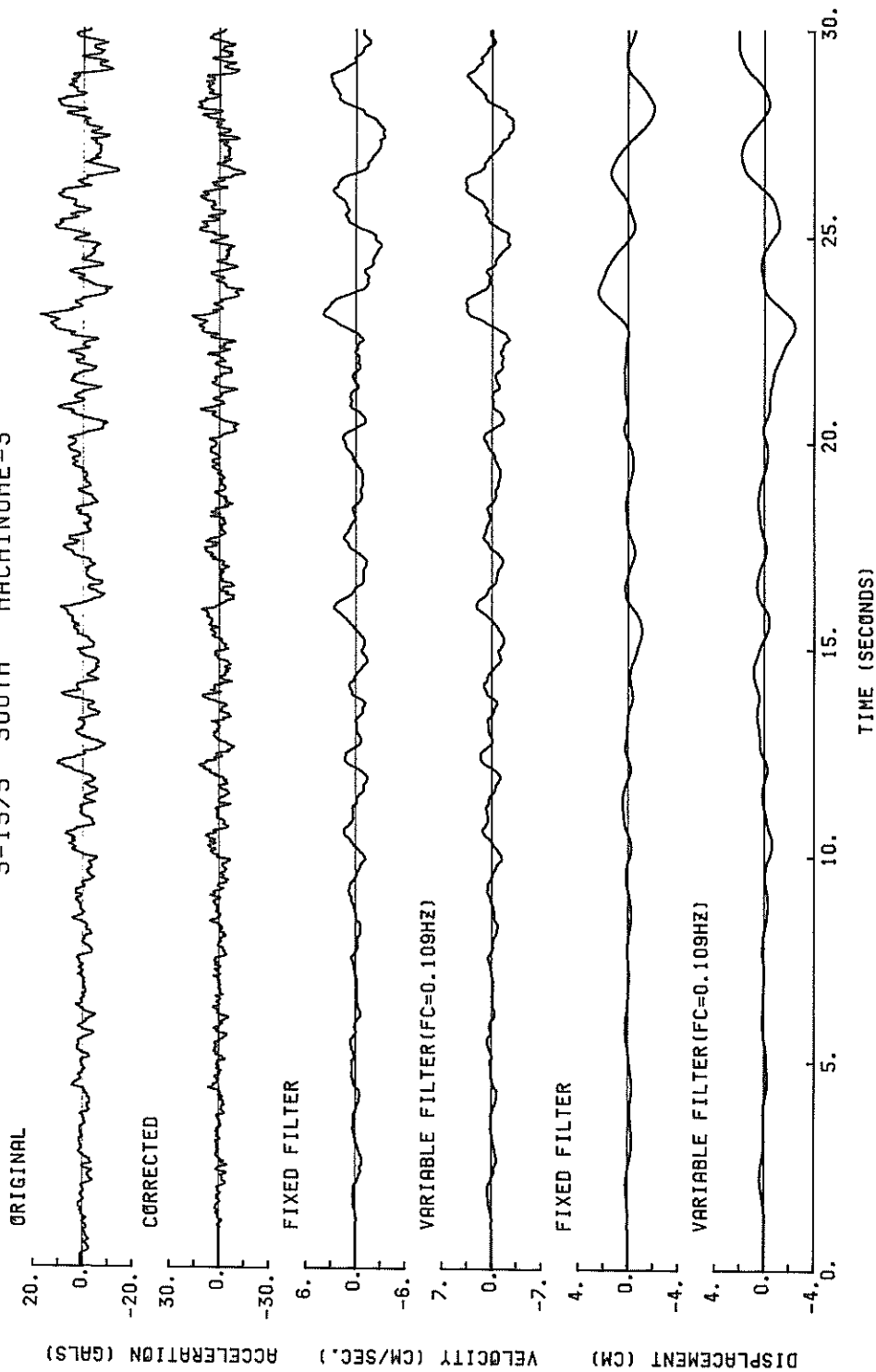
S-1575 HACHINOHE-S



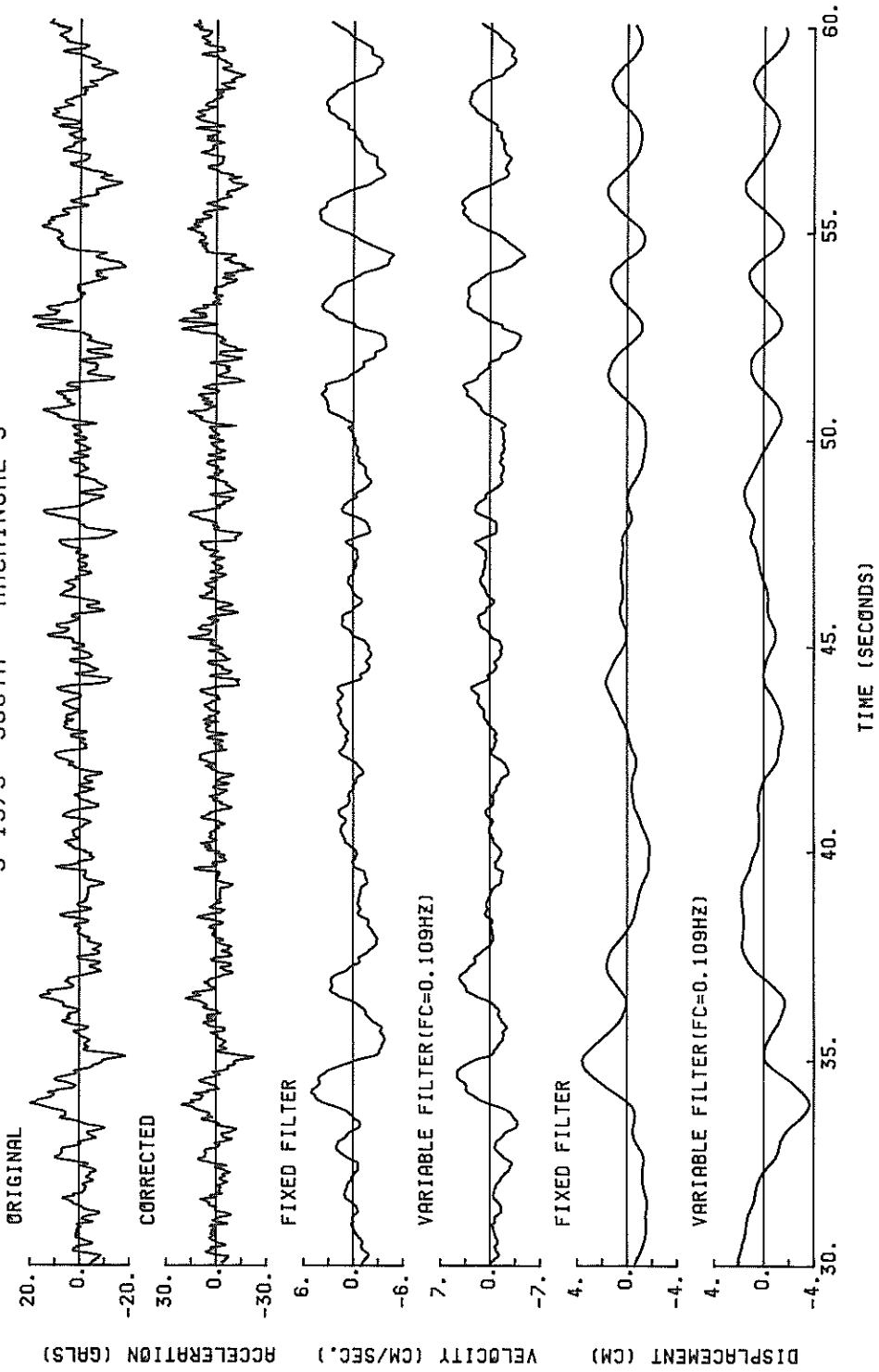
S-1575 HACHINOHE-S



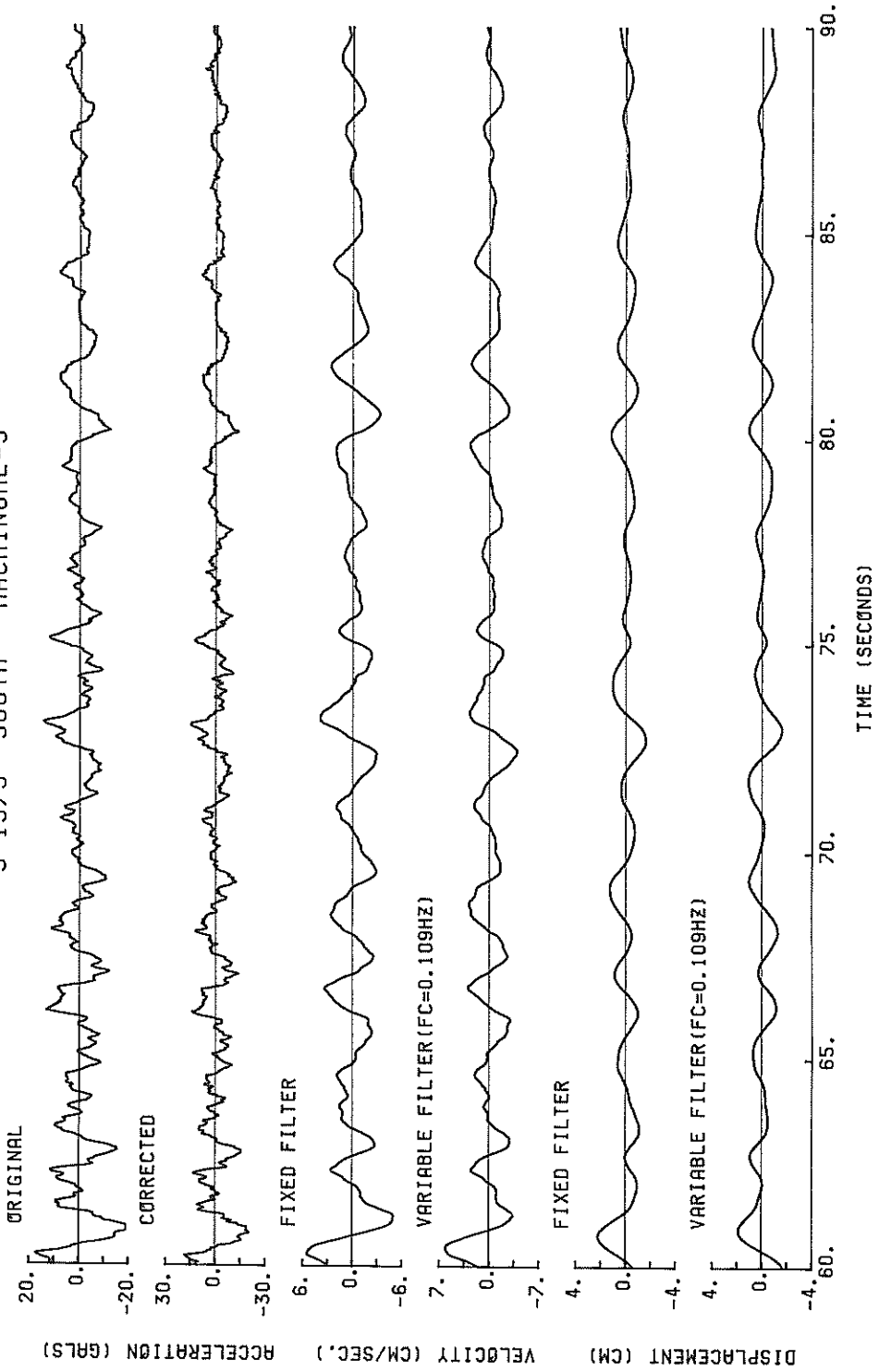
S-1575 SOUTH HACHINØHE-S



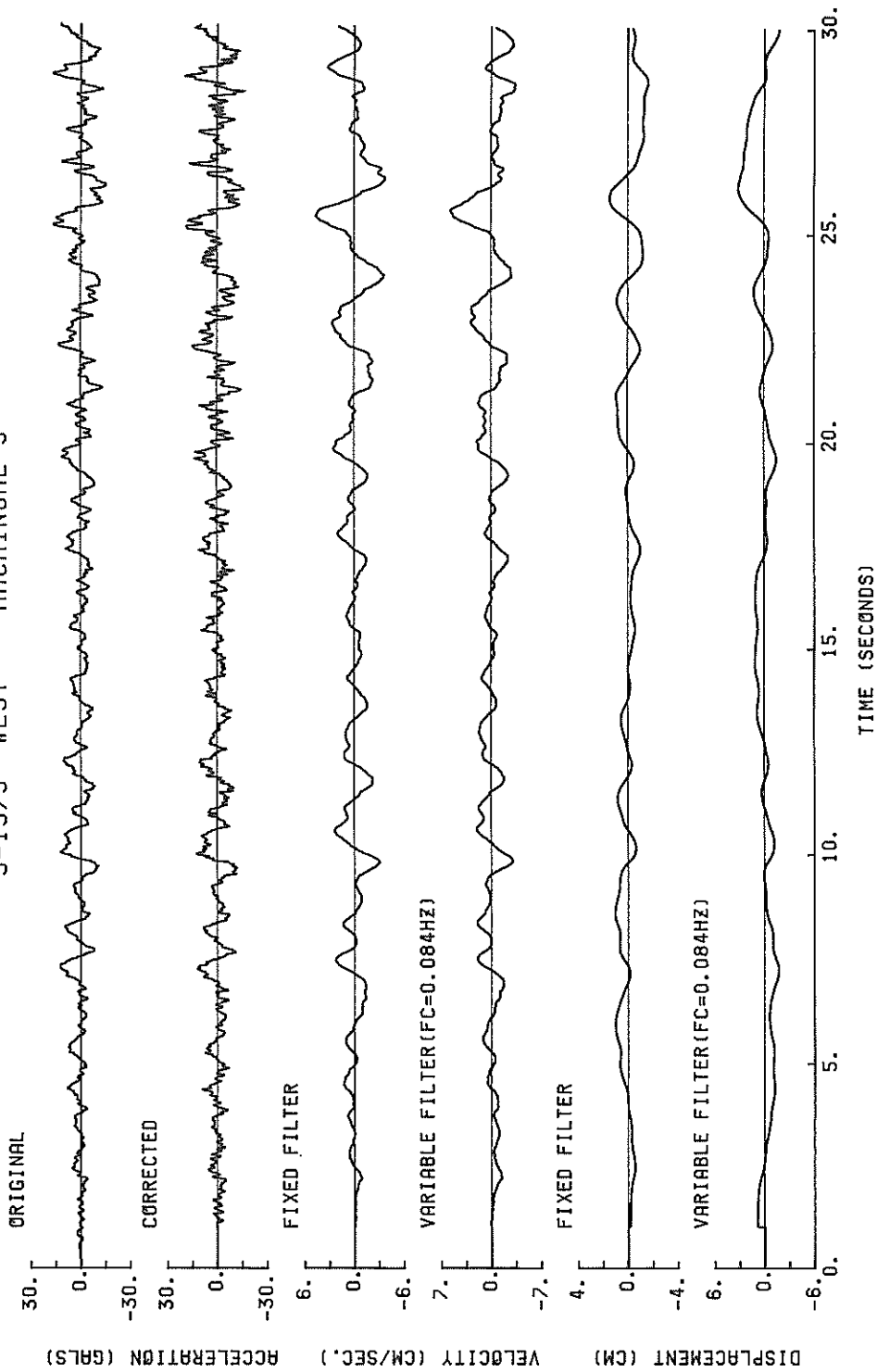
S-1575 SOUTH HACHINGHE-S



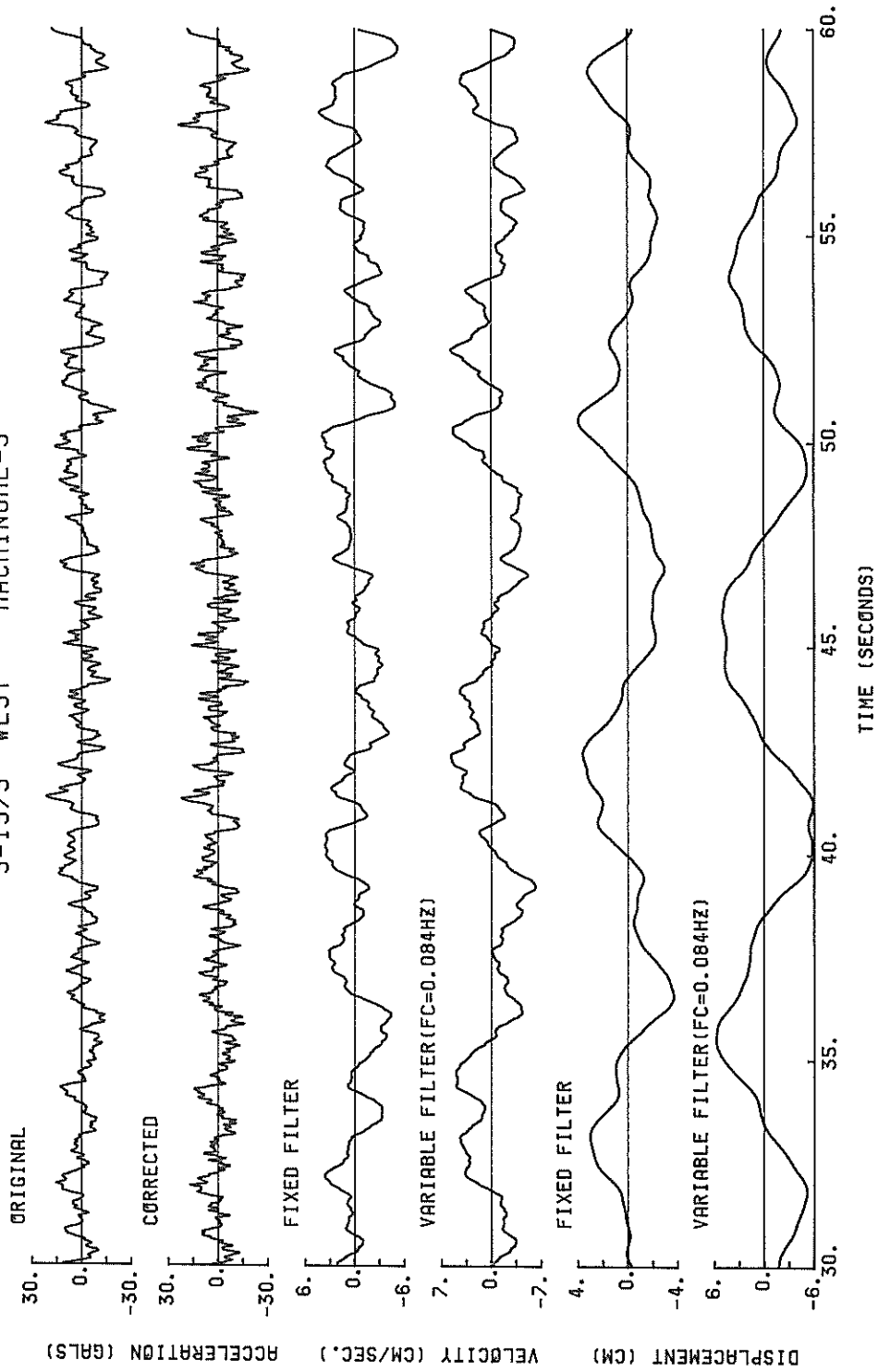
S-1575 SOUTH HACHINOHE-S



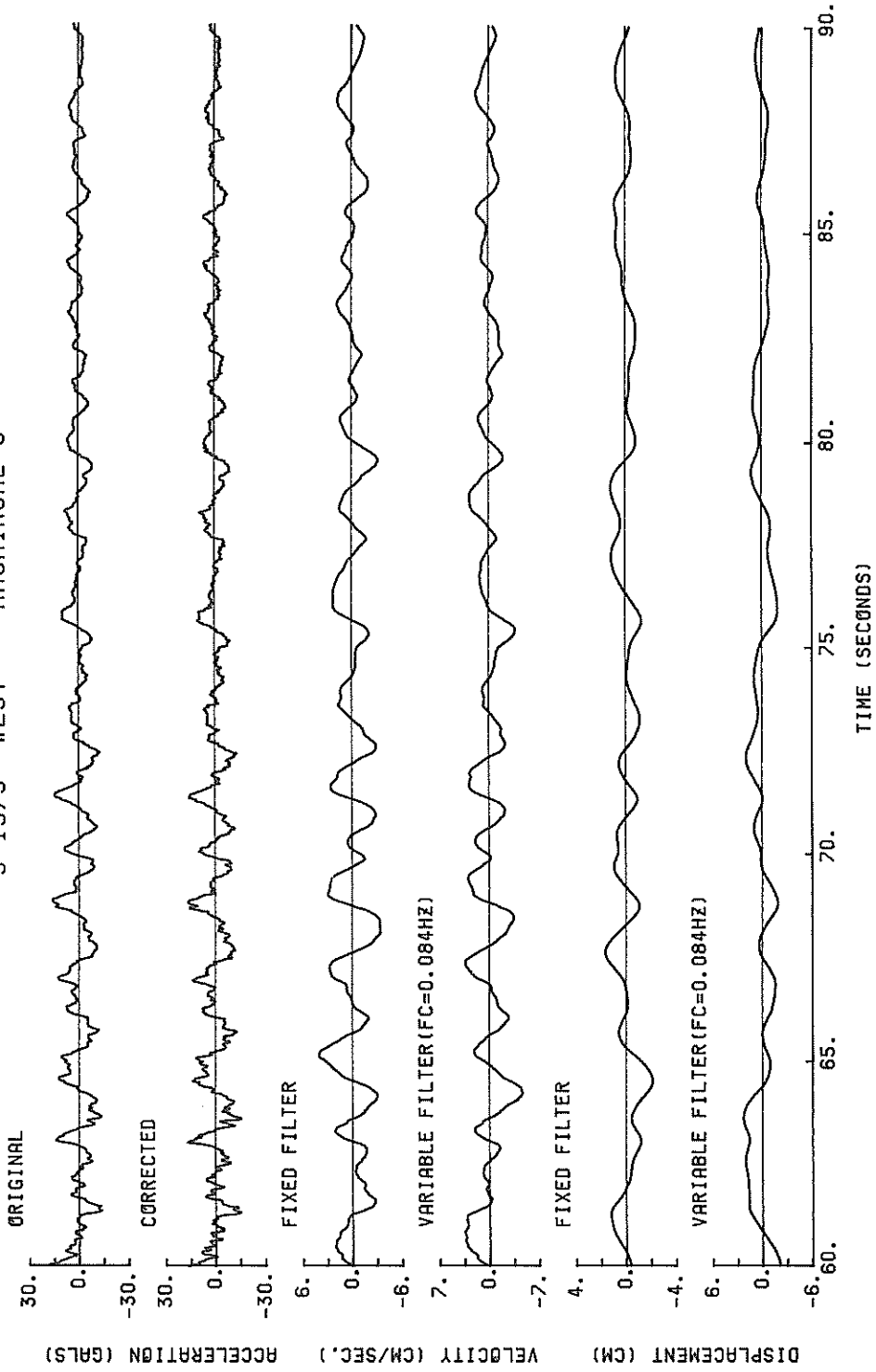
S-1575 WEST HACHINØHE-S



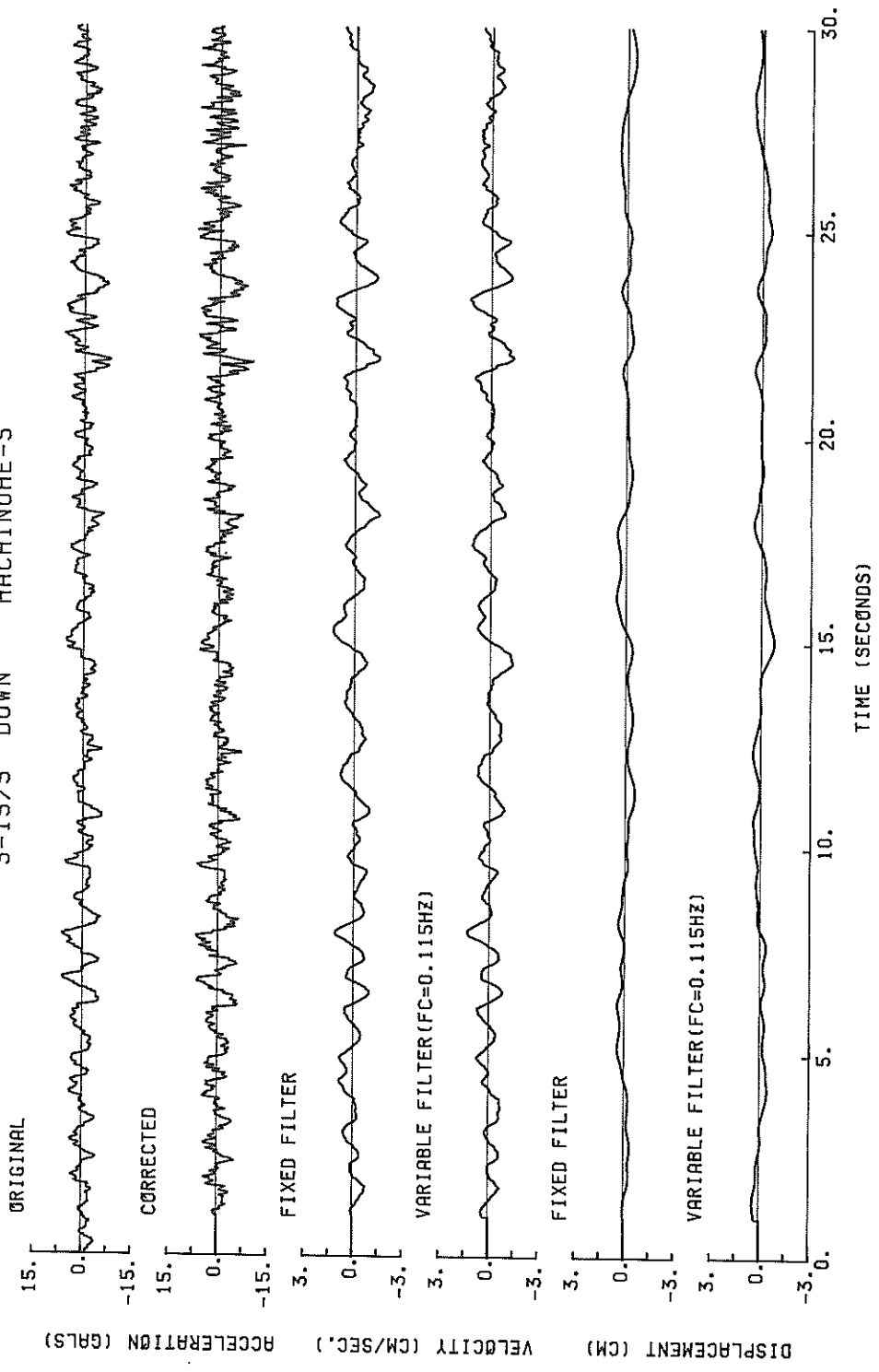
S-1575 WEST HACHINGHE-S



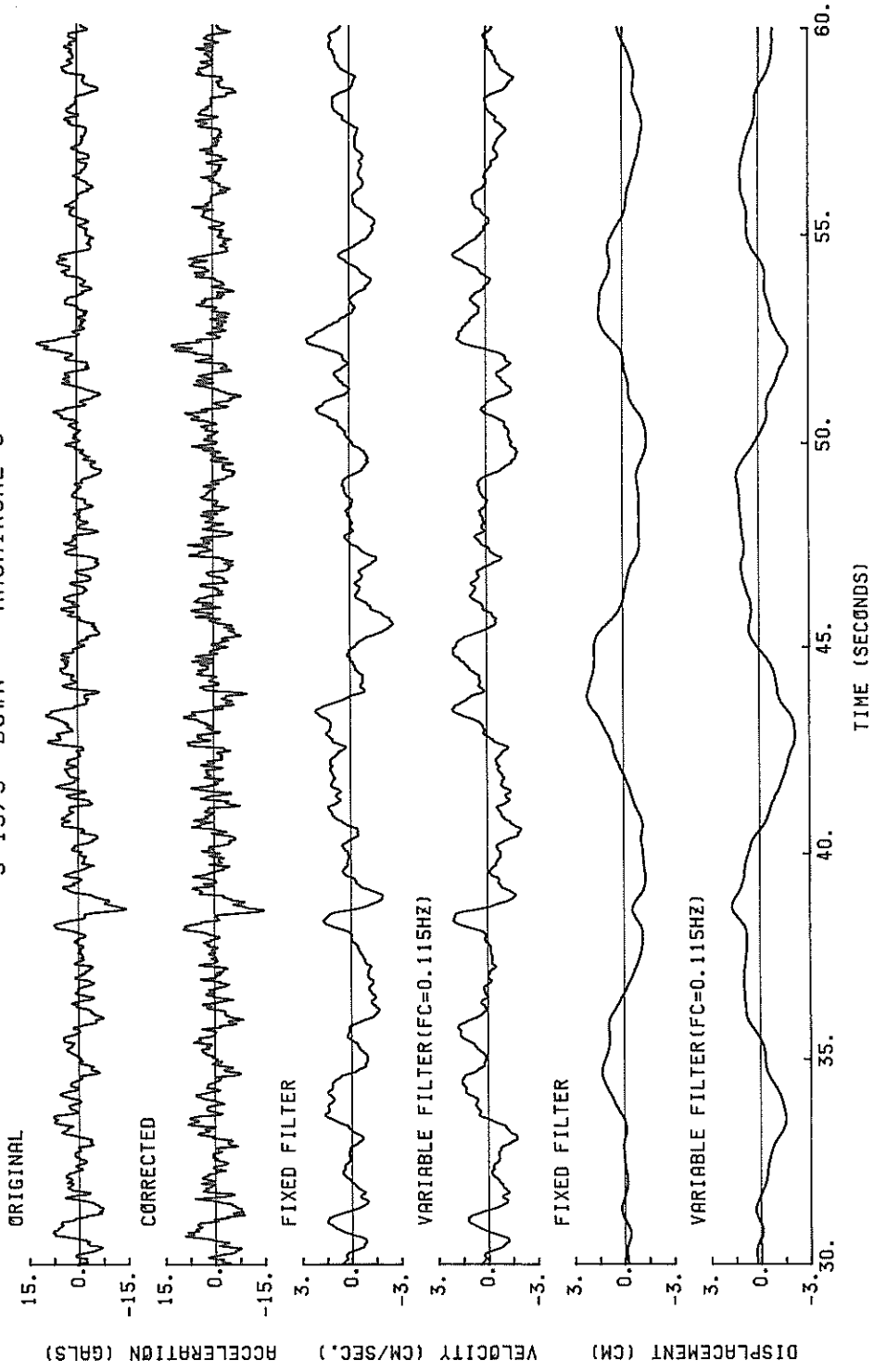
S-1575 WEST HACHINØHE-S



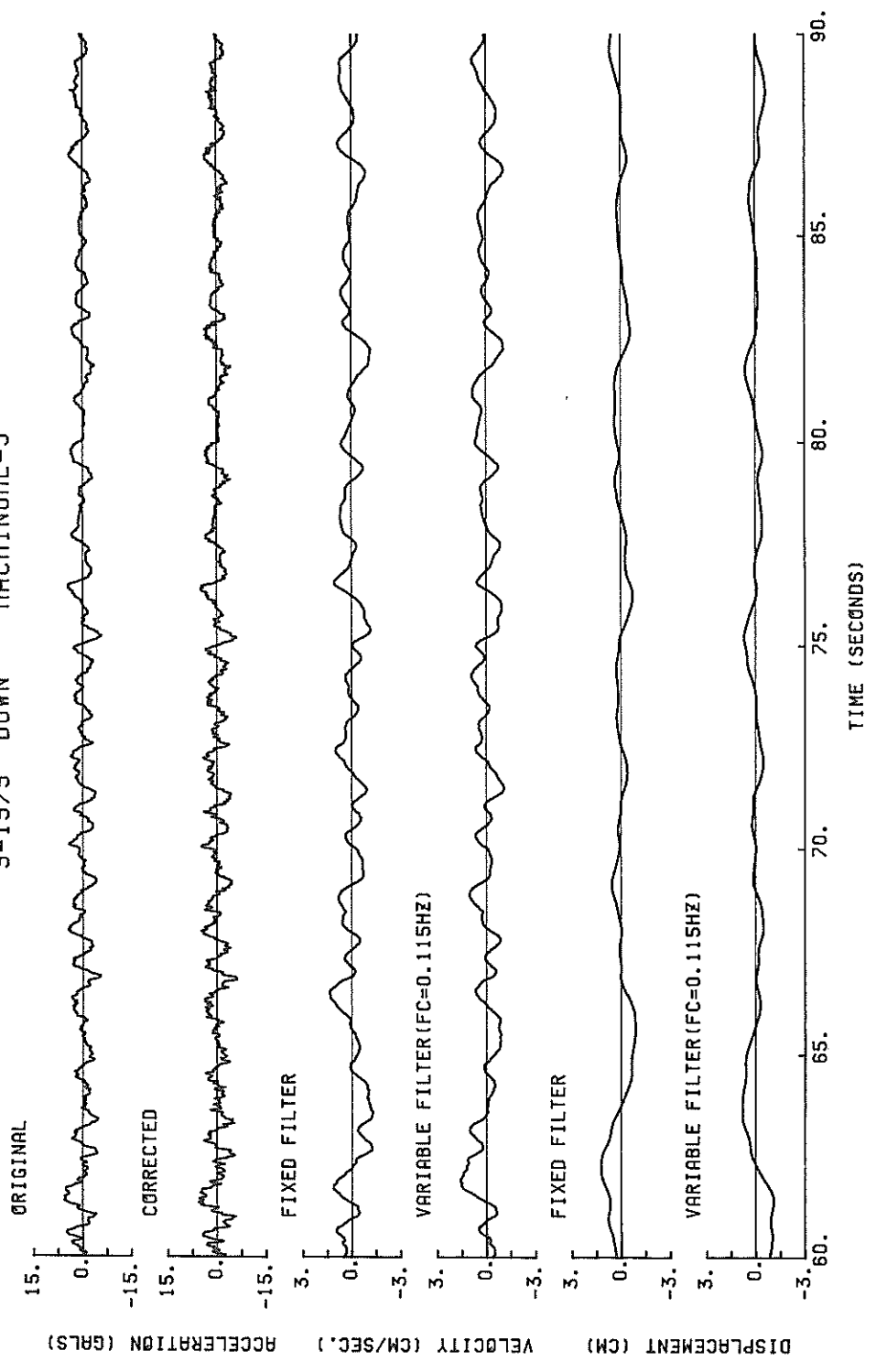
S-1575 DOWN HACHINØHE-S



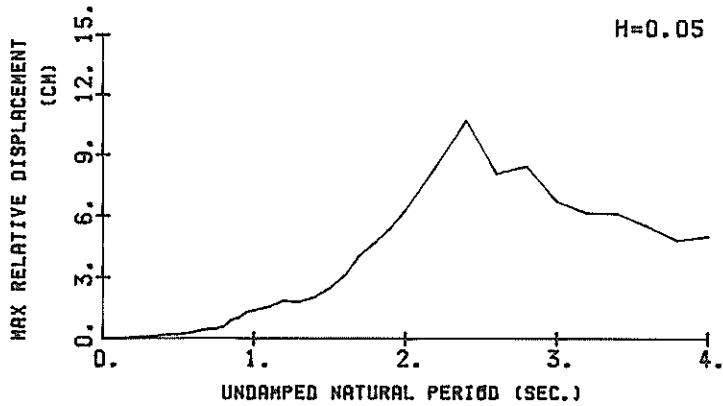
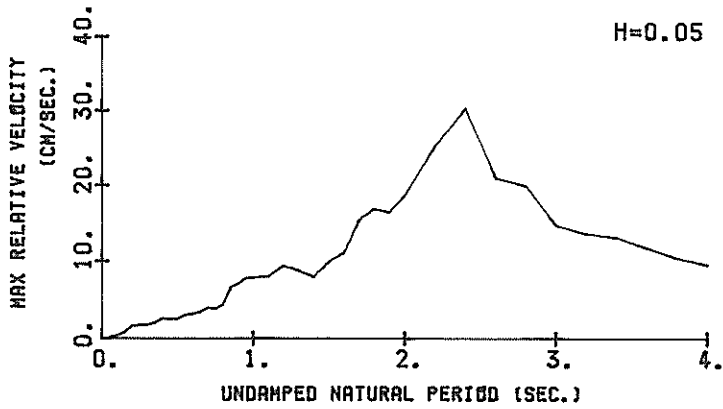
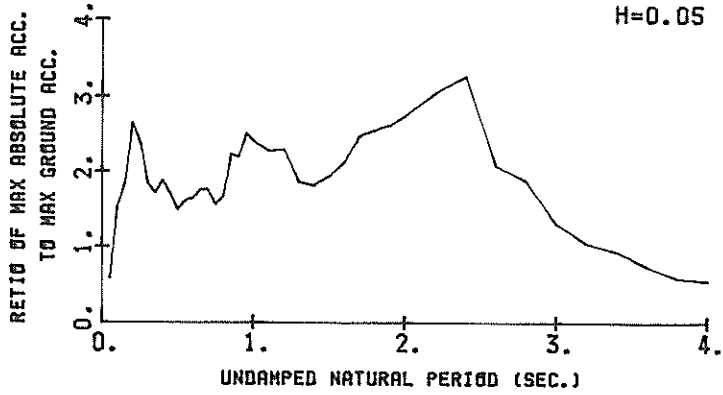
S-1575 DOWN HACHINGHE-S



S-1575 DOWN HACHINØHE-S

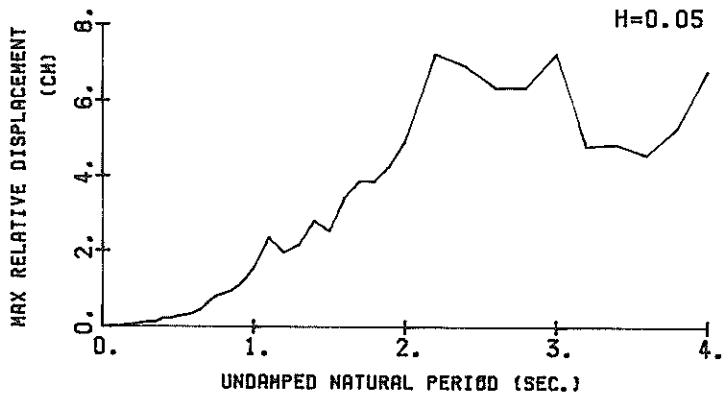
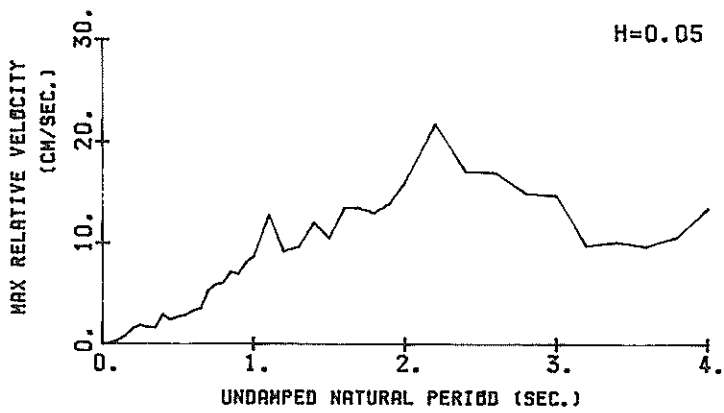
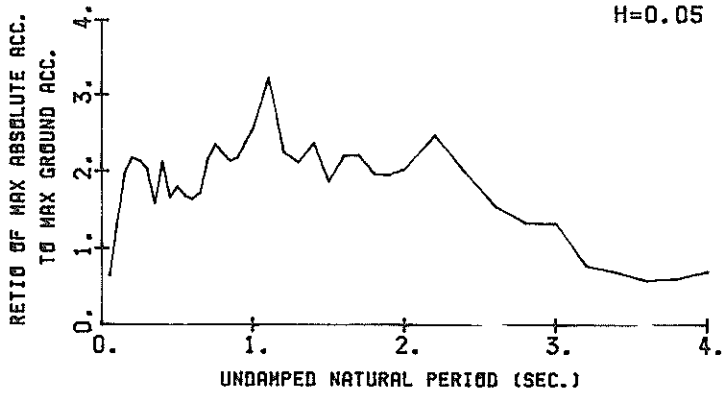


S-1575 SOUTH HACHINGHE-S
(1/FC=9.18 SEC.)



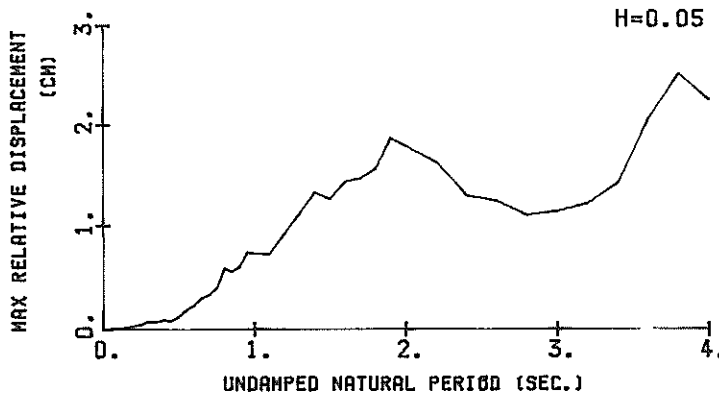
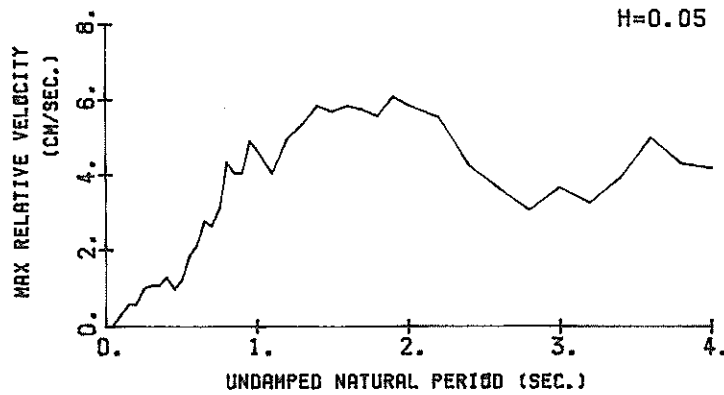
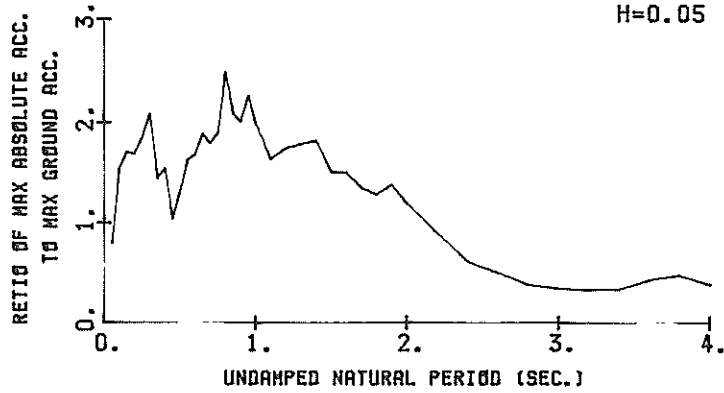
RESPONSE SPECTRA

S-1575 WEST HACHINOHE-S
(1/FC=11.90SEC.)



RESPONSE SPECTRA

S-1575 DOWN HACHINŌHE-S
(1/FC=8.69 SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = S-1575 COMPONENT = SOUTH SIGNAL = GP. ACC. CORRECTION = MAX.GROUND ACC. = STATION = MACHINOME-S
 DATE AND TIME = 1963-05-28-12-00 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 22.59 (GAL)
 TIME LENGTH = 90.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	26.5	0.16	0.002	14.3	0.05	0.001	13.2	0.04	0.001	13.3	0.03	0.001	12.8	0.03	0.001	12.8	0.03	0.001		
0.10	157.7	2.42	0.040	37.2	0.40	0.009	34.3	0.33	0.009	32.5	0.24	0.008	29.5	0.17	0.007	29.5	0.17	0.007		
0.15	189.1	4.35	0.108	56.4	1.17	0.032	42.0	0.80	0.032	38.6	0.53	0.022	32.6	0.38	0.018	32.6	0.38	0.018		
0.20	309.2	9.70	0.313	81.7	2.30	0.082	60.0	1.56	0.082	45.8	1.07	0.046	33.6	0.61	0.032	33.6	0.61	0.032		
0.25	188.9	7.24	0.299	66.4	2.27	0.105	53.7	1.67	0.084	42.3	1.20	0.067	30.2	0.75	0.044	30.2	0.75	0.044		
0.30	194.5	9.16	0.443	53.0	2.42	0.120	41.7	1.72	0.095	32.5	1.25	0.073	25.9	0.80	0.055	25.9	0.80	0.055		
0.35	202.7	11.16	0.629	50.4	2.58	0.158	38.6	1.97	0.120	34.4	1.65	0.105	25.1	0.99	0.074	25.1	0.99	0.074		
0.40	137.4	8.41	0.557	52.0	3.23	0.210	42.4	2.53	0.171	35.7	2.00	0.142	25.1	1.14	0.095	25.1	1.14	0.095		
0.45	83.0	5.61	0.425	40.2	2.71	0.205	38.5	2.48	0.197	33.3	1.97	0.169	25.4	1.16	0.121	25.4	1.16	0.121		
0.50	190.8	15.11	1.208	44.6	3.06	0.282	33.7	2.44	0.212	31.1	2.06	0.193	25.1	1.27	0.145	25.1	1.27	0.145		
0.55	201.2	17.17	1.542	46.3	3.73	0.354	36.5	2.96	0.279	31.1	2.32	0.233	24.1	1.37	0.167	24.1	1.37	0.167		
0.60	125.4	1.145	48.7	4.26	0.443	37.2	3.08	0.339	28.5	2.33	0.235	22.7	1.47	0.197	22.7	1.47	0.197			
0.65	221.4	21.50	2.369	52.6	5.22	0.562	40.0	3.39	0.426	29.6	2.68	0.313	23.6	1.64	0.245	23.6	1.64	0.245		
0.70	143.9	15.90	1.811	47.7	5.08	0.591	40.0	3.95	0.500	31.5	3.13	0.382	24.7	1.89	0.298	24.7	1.89	0.298		
0.75	99.1	10.98	1.412	46.7	4.48	0.636	35.3	3.73	0.500	31.5	3.35	0.433	25.9	2.10	0.357	25.9	2.10	0.357		
0.80	107.0	13.04	1.735	42.4	5.16	0.687	38.0	4.30	0.613	32.0	3.87	0.510	27.1	2.35	0.423	27.1	2.35	0.423		
0.85	164.9	21.48	3.019	67.3	8.77	1.231	50.4	6.65	0.918	35.6	4.73	0.638	28.2	2.57	0.494	28.2	2.57	0.494		
0.90	166.7	23.19	3.421	60.8	8.39	1.245	49.7	7.05	1.015	37.2	5.20	0.753	29.1	2.74	0.571	29.1	2.74	0.571		
0.95	365.4	54.13	8.352	81.6	11.69	1.863	56.7	7.86	1.591	38.9	5.28	0.875	29.9	2.78	0.652	29.9	2.78	0.652		
1.00	115.4	18.07	2.922	65.5	9.88	1.658	54.6	7.93	1.376	39.1	5.67	0.974	30.6	2.96	0.735	30.6	2.96	0.735		
1.10	203.3	35.36	6.230	70.0	11.44	2.143	51.4	8.09	1.571	41.0	5.87	1.240	31.5	3.79	0.901	31.5	3.79	0.901		
1.20	159.3	29.55	5.811	66.7	12.00	2.432	52.0	9.43	1.885	40.8	7.16	1.463	31.4	4.44	1.058	31.4	4.44	1.058		
1.30	81.9	16.05	3.505	46.7	9.62	1.998	42.2	8.87	1.798	35.6	7.45	1.502	30.7	5.00	1.206	30.7	5.00	1.206		
1.40	245.4	53.99	12.182	60.8	12.93	3.017	41.2	9.03	2.036	31.9	7.18	1.555	30.2	5.51	1.367	30.2	5.51	1.367		
1.50	161.7	39.02	9.217	56.1	12.96	3.197	43.9	10.06	2.691	31.9	7.90	1.793	30.1	5.96	1.558	30.1	5.96	1.558		
1.60	128.2	31.97	8.313	65.0	15.62	4.213	48.3	11.22	3.119	37.4	9.64	2.388	30.2	6.37	1.774	30.2	6.37	1.774		
1.70	199.8	53.55	14.629	78.4	21.09	5.735	56.3	15.52	4.102	41.4	11.07	2.978	30.2	6.65	1.996	30.2	6.65	1.996		
1.80	124.0	34.60	10.179	77.5	22.78	6.349	57.8	17.02	4.719	39.7	11.35	3.192	30.0	6.75	2.214	30.0	6.75	2.214		
1.90	114.4	34.18	10.458	75.0	21.87	6.854	59.4	16.56	5.411	44.4	11.51	3.987	29.6	7.24	2.427	29.6	7.24	2.427		
2.00	84.9	26.73	8.600	69.7	21.67	7.057	62.4	18.74	6.292	46.9	13.27	4.659	29.3	7.94	2.639	29.3	7.94	2.639		
2.20	230.4	80.96	28.243	102.4	35.53	12.538	69.1	25.36	8.429	48.7	16.10	5.839	28.2	9.42	2.984	28.2	9.42	2.984		
2.40	149.0	58.74	21.745	103.7	41.52	15.106	73.8	30.41	10.718	46.2	19.73	6.586	24.9	10.21	3.057	24.9	10.21	3.057		
2.60	117.0	48.32	20.04	59.8	25.73	10.230	47.4	20.12	8.064	35.3	16.22	5.868	21.9	10.01	3.243	21.9	10.01	3.243		
2.80	117.8	53.28	23.397	57.6	26.57	11.415	42.7	20.06	8.421	27.6	13.19	5.360	19.2	9.25	3.190	19.2	9.25	3.190		
3.00	32.1	40.18	18.721	37.1	18.63	8.445	29.6	14.77	6.710	22.5	10.94	5.009	16.5	8.47	3.046	16.5	8.47	3.046		
3.20	35.9	20.15	9.300	28.4	16.00	7.349	23.9	13.71	6.156	18.3	10.48	4.612	14.2	7.75	2.885	14.2	7.75	2.885		
3.40	56.5	31.78	16.550	27.7	17.36	8.098	21.1	13.19	6.131	15.7	9.84	4.413	12.2	7.35	2.780	12.2	7.35	2.780		
3.60	40.5	24.78	13.301	21.6	15.18	7.089	16.9	11.80	5.495	13.5	8.99	4.308	10.9	7.07	2.746	10.9	7.07	2.746		
3.80	18.6	12.91	6.792	15.1	11.82	5.503	13.2	10.57	4.808	11.0	8.71	3.872	9.8	6.77	2.686	9.8	6.77	2.686		
4.00	18.4	12.49	7.444	13.8	10.59	5.593	12.4	9.68	5.004	10.4	8.56	4.087	8.7	6.54	2.879	8.7	6.54	2.879		

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1575 COMPONENT = WEST SIGNAL = GR. ACC. CORRECTION = STATION = HACHINOHE-S
 DATE AND TIME = 1983-05-26-12-00 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 24.02 (GAL)
 TIME LENGTH = 90.99 (SEC) SKIPPED LENGTH = 0.00 (SEC)

DAMPING = 0.025 DAMPING = 0.050 DAMPING = 0.100 DAMPING = 0.250

PER	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	23.6	0.10	0.001	16.2	0.04	0.001	15.6	0.04	0.001	15.3	0.04	0.001	15.2	0.03	0.001
0.10	104.7	1.45	0.027	38.5	0.43	0.010	31.6	0.33	0.008	30.0	0.25	0.008	27.8	0.16	0.007
0.15	217.3	4.84	0.124	62.3	1.18	0.035	47.5	0.81	0.027	38.2	0.53	0.022	29.8	0.29	0.016
0.20	373.5	11.79	0.373	65.2	1.91	0.066	52.4	1.27	0.053	39.0	0.98	0.039	29.5	0.49	0.029
0.25	204.8	8.09	0.324	64.7	2.63	0.102	51.2	1.86	0.081	37.4	1.23	0.058	30.5	0.75	0.046
0.30	223.8	10.18	0.510	58.7	2.55	0.134	48.6	1.70	0.110	39.0	1.24	0.088	30.0	0.88	0.064
0.35	118.7	6.16	0.368	50.5	2.30	0.157	38.0	1.64	0.117	31.9	1.30	0.098	27.4	0.94	0.079
0.40	369.5	22.64	1.498	78.4	4.66	0.317	50.8	2.94	0.205	34.2	1.70	0.137	25.5	0.99	0.096
0.45	199.1	13.76	1.021	47.0	3.06	0.241	39.3	2.38	0.203	30.9	1.72	0.156	23.8	1.07	0.116
0.50	159.5	12.41	1.010	61.2	4.07	0.388	43.2	2.68	0.272	31.4	1.87	0.197	24.0	1.22	0.141
0.55	151.4	12.79	1.160	51.5	4.28	0.394	40.3	2.89	0.307	29.7	2.07	0.223	24.4	1.46	0.171
0.60	89.4	7.99	0.816	50.8	4.62	0.463	39.5	3.50	0.359	29.8	2.24	0.267	24.8	1.69	0.206
0.65	168.6	16.78	1.894	55.6	5.34	0.595	41.4	3.54	0.441	34.4	2.75	0.362	24.9	1.92	0.243
0.70	150.8	16.42	1.872	64.0	6.54	0.794	51.8	5.32	0.640	37.6	3.82	0.460	24.3	2.16	0.279
0.75	214.9	24.97	3.062	73.4	8.02	1.045	56.5	5.95	0.802	39.9	4.11	0.560	23.9	2.40	0.324
0.80	150.9	18.63	2.446	72.5	8.55	1.174	53.9	6.10	0.871	37.5	4.22	0.598	25.5	2.61	0.383
0.85	102.4	13.13	1.874	65.0	8.94	1.187	51.4	7.27	0.937	39.4	4.95	0.709	26.5	2.76	0.446
0.90	161.4	22.81	3.311	67.7	9.41	1.387	52.4	7.01	1.070	38.7	4.92	0.781	26.7	2.89	0.500
0.95	560.8	84.93	12.819	80.1	11.66	1.829	57.3	8.19	1.503	40.6	5.30	0.915	26.4	3.12	0.548
1.00	210.3	32.96	5.323	74.6	11.24	1.887	61.6	8.72	1.554	43.0	6.23	1.076	26.8	3.27	0.632
1.10	217.2	37.17	6.657	113.4	18.62	3.472	77.4	12.84	2.362	50.5	7.91	1.525	28.4	3.66	0.807
1.20	107.4	19.84	3.918	64.6	11.31	2.352	54.2	9.25	1.967	43.2	7.00	1.543	28.1	4.12	0.929
1.30	73.3	14.62	3.136	62.2	12.33	2.660	50.9	9.72	2.169	38.4	6.71	1.611	26.5	4.28	1.006
1.40	231.6	51.31	11.500	80.3	17.65	3.981	58.9	12.15	2.815	37.2	7.55	1.819	24.4	4.54	1.059
1.50	83.9	19.12	7.779	55.3	12.44	3.156	45.0	10.53	2.549	34.6	7.68	1.935	23.6	4.74	1.194
1.60	112.5	27.78	7.295	71.6	18.70	4.663	55.1	13.55	3.423	33.6	9.54	2.251	23.4	5.30	1.359
1.70	250.6	67.43	18.342	76.9	20.63	5.623	53.2	13.57	3.879	36.5	9.25	2.631	22.8	5.90	1.525
1.80	123.5	35.17	10.137	60.1	16.99	4.923	47.5	13.05	3.878	33.8	9.25	2.879	22.7	6.38	1.679
1.90	140.3	42.06	12.830	58.7	18.36	5.359	47.2	14.01	4.288	37.4	10.81	3.351	22.4	6.73	1.816
2.00	68.2	21.10	6.910	58.3	19.69	5.899	48.8	16.06	4.926	38.8	12.26	3.859	21.6	7.00	1.950
2.20	242.1	84.25	23.682	88.9	31.28	10.889	59.3	21.74	7.229	36.5	13.66	4.376	20.3	7.25	2.153
2.40	162.8	64.54	23.754	65.9	25.72	9.597	47.8	17.13	6.931	33.4	12.57	4.764	18.5	7.11	2.414
2.60	57.5	26.00	9.845	44.4	19.95	7.595	37.3	17.03	6.348	28.0	12.98	4.692	17.2	7.50	2.593
2.80	42.1	20.00	8.369	37.2	18.03	7.384	32.1	15.00	6.360	24.0	11.75	4.687	16.2	7.44	2.717
3.00	95.3	43.91	21.770	44.0	20.59	10.025	31.9	14.75	7.231	22.1	9.99	4.895	14.6	7.15	2.707
3.20	26.4	13.58	6.859	22.5	11.72	5.837	18.6	9.83	4.797	16.5	8.96	4.129	12.8	7.22	2.715
3.40	27.7	14.83	8.120	20.8	12.10	6.049	16.3	10.22	4.869	13.0	8.36	3.654	11.4	7.34	2.681
3.60	27.4	15.57	9.002	17.4	11.71	5.656	14.1	9.76	4.582	11.8	8.46	3.775	10.5	7.46	2.714
3.80	35.3	20.72	12.198	19.1	13.22	6.972	14.6	10.68	5.282	11.5	9.46	4.061	9.9	7.55	3.026
4.00	48.4	32.00	19.610	23.9	16.29	9.677	16.9	13.50	7.682	11.6	10.51	4.499	9.4	7.61	3.345

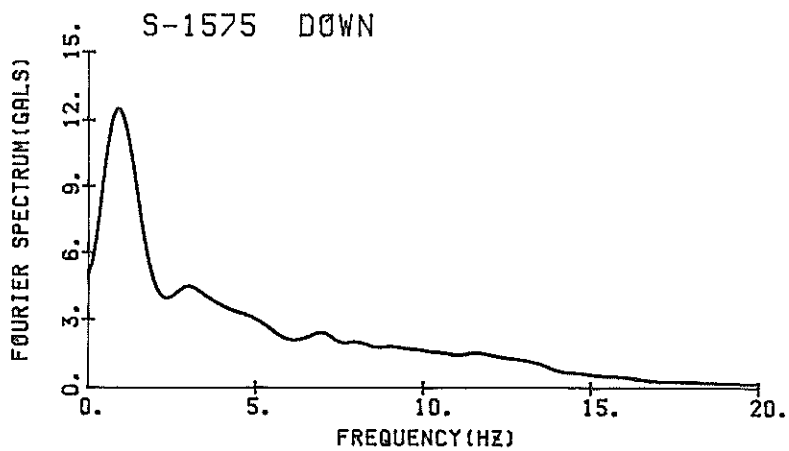
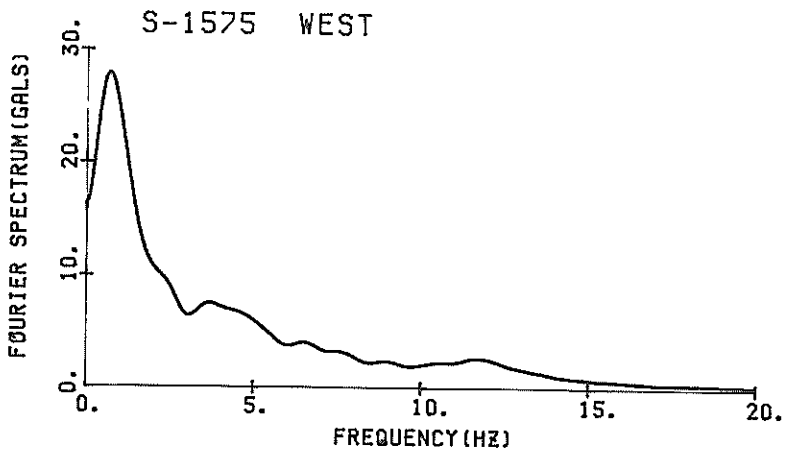
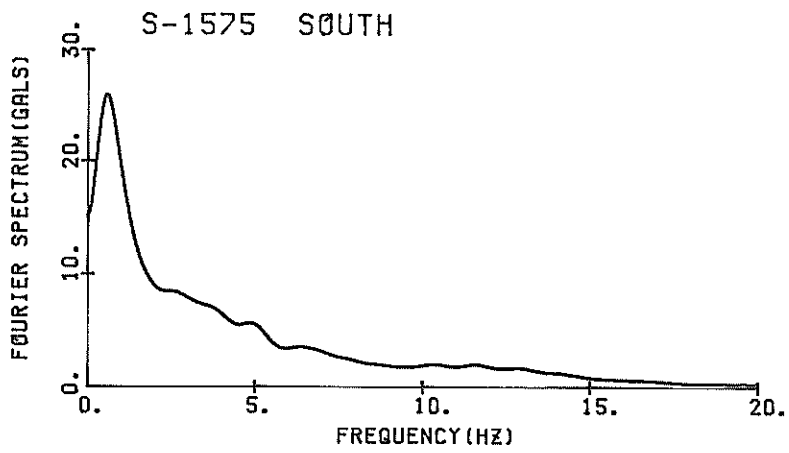
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1575 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = STATION = HACHINOHE-S
 DATE AND TIME = 1983-05-26-12-00 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 14.80 (GAL)
 TIME LENGTH = 90.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

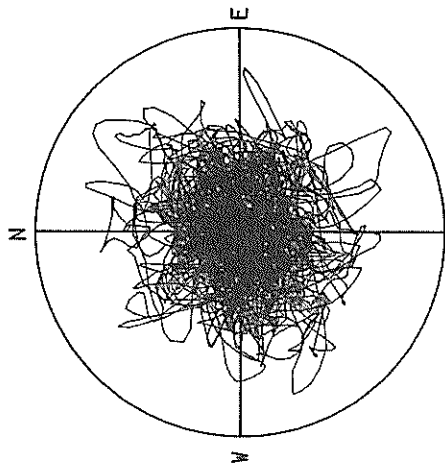
PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	18.1	0.09	0.001	12.3	0.04	0.001	11.8	0.03	0.001	11.3	0.03	0.001	10.9	0.02	0.001					
0.10	234.8	3.72	0.059	28.4	0.40	0.007	22.8	0.31	0.006	19.3	0.21	0.005	16.3	0.12	0.004					
0.15	152.9	3.58	0.087	36.6	0.83	0.021	25.4	0.58	0.014	20.6	0.35	0.012	18.2	0.20	0.010					
0.20	182.8	2.85	0.084	29.1	0.85	0.029	25.0	0.57	0.023	22.7	0.44	0.025	19.7	0.29	0.019					
0.25	163.1	6.51	0.261	37.8	1.36	0.060	27.5	0.97	0.043	22.7	0.68	0.035	19.8	0.38	0.030					
0.30	127.0	5.66	0.289	39.3	1.46	0.090	30.8	1.06	0.070	24.1	0.70	0.054	18.7	0.42	0.040					
0.35	109.3	5.91	0.339	32.4	1.74	0.100	21.4	1.05	0.066	19.6	0.69	0.060	16.8	0.43	0.049					
0.40	75.2	4.73	0.305	27.3	1.61	0.110	22.3	1.27	0.092	17.4	0.87	0.069	15.2	0.51	0.059					
0.45	49.2	3.28	0.252	18.7	1.19	0.096	15.4	0.96	0.079	14.3	0.89	0.073	15.2	0.60	0.074					
0.50	69.0	5.36	0.437	21.7	1.56	0.138	19.4	1.20	0.123	17.6	0.96	0.111	16.2	0.66	0.097					
0.55	54.7	4.54	0.419	31.4	2.43	0.240	24.1	1.85	0.184	19.7	1.33	0.150	17.2	0.78	0.124					
0.60	52.3	4.75	0.481	26.7	2.20	0.243	24.9	2.11	0.226	21.3	1.66	0.192	17.9	0.92	0.152					
0.65	65.8	6.72	0.704	38.6	4.02	0.412	28.0	2.76	0.299	23.6	1.76	0.249	18.3	1.09	0.181					
0.70	94.7	10.28	1.176	39.7	3.15	0.380	26.6	2.64	0.350	23.2	2.02	0.283	18.4	1.28	0.210					
0.75	49.6	5.81	0.707	28.4	3.32	0.405	28.2	3.11	0.400	24.1	2.48	0.338	18.2	1.45	0.239					
0.80	75.7	9.61	1.227	49.8	6.10	0.806	36.8	4.34	0.595	25.7	2.79	0.410	17.9	1.60	0.270					
0.85	93.6	12.26	1.713	35.8	4.75	0.673	30.9	4.05	0.562	23.9	2.59	0.429	17.6	1.78	0.301					
0.90	150.9	21.59	3.095	40.4	5.72	0.828	29.3	4.05	0.508	23.7	3.22	0.479	17.4	1.98	0.332					
0.95	181.4	27.20	4.146	47.1	7.03	1.075	33.3	4.89	0.759	23.4	3.56	0.527	17.1	2.14	0.360					
1.00	71.4	11.07	1.802	35.9	6.35	0.985	29.4	4.66	0.742	21.9	3.50	0.544	16.7	2.25	0.386					
1.10	50.1	9.75	1.720	31.2	5.37	0.955	24.3	4.04	0.739	19.8	3.16	0.591	15.8	2.36	0.460					
1.20	90.3	17.11	3.313	35.6	6.86	1.298	25.8	4.96	0.938	19.2	3.68	0.687	15.2	2.39	0.503					
1.30	92.7	19.31	3.865	37.2	7.46	1.590	26.9	5.35	1.127	19.7	3.94	0.824	14.7	2.41	0.562					
1.40	119.4	26.32	5.929	37.1	8.23	1.839	26.9	5.85	1.330	19.8	4.00	0.860	13.8	2.51	0.603					
1.50	60.8	14.76	3.465	30.1	7.61	1.713	22.4	5.70	1.266	16.3	3.90	0.807	12.7	2.50	0.626					
1.60	41.8	10.53	2.708	26.7	7.17	1.732	22.3	5.35	1.435	15.5	3.92	0.986	11.6	2.53	0.641					
1.70	39.6	10.48	2.899	26.6	7.46	1.945	20.1	5.76	1.461	14.4	4.01	1.031	10.8	2.56	0.665					
1.80	47.7	14.14	3.914	27.2	7.82	2.224	19.1	5.58	1.528	12.9	3.73	1.036	10.2	2.64	0.697					
1.90	63.3	19.57	5.785	30.5	9.08	2.787	20.5	6.11	1.864	13.5	4.13	1.309	9.7	2.75	0.731					
2.00	37.4	12.15	3.785	23.4	7.81	2.567	17.3	5.89	1.790	12.9	4.05	1.274	9.1	2.88	0.756					
2.20	29.6	10.57	3.623	16.9	6.90	2.069	13.3	5.56	1.625	10.1	4.32	1.213	7.8	3.03	0.767					
2.40	18.3	7.55	2.740	11.3	4.93	1.646	9.0	4.27	1.302	7.2	3.83	1.033	6.4	3.04	0.745					
2.60	16.9	7.87	2.895	8.9	4.53	1.513	7.4	3.65	1.247	6.0	3.46	0.984	5.3	3.00	0.723					
2.80	8.4	4.92	1.659	6.5	3.63	1.283	5.6	3.07	1.107	4.9	3.23	0.943	4.5	2.95	0.708					
3.00	12.0	5.42	2.874	6.3	4.20	1.435	5.1	3.68	1.147	4.4	3.35	0.960	4.1	2.92	0.703					
3.26	5.3	4.03	1.624	5.2	3.27	1.369	4.3	3.27	1.223	3.9	3.38	0.978	3.9	2.91	0.856					
3.40	9.5	5.66	2.793	6.5	4.70	1.569	4.9	3.94	1.419	4.2	3.64	1.029	3.9	2.88	0.958					
3.60	24.1	14.60	7.924	8.3	6.16	2.725	6.3	5.00	2.059	4.9	3.87	1.567	3.7	2.80	1.056					
3.80	15.2	9.84	5.566	9.1	5.34	3.333	7.0	4.32	2.513	5.1	3.53	1.756	3.7	2.64	1.139					
4.00	7.4	5.77	3.074	5.9	4.61	2.402	5.6	4.20	2.255	4.7	3.51	1.780	3.5	2.53	1.197					

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



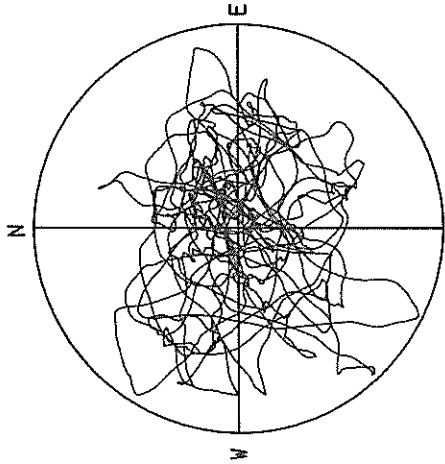
FOURIER SPECTRA

S-1575 HACHINØHE-S



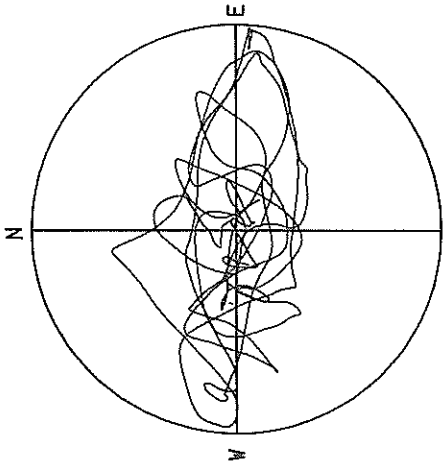
ACCELERATION
R=30.0 GAL
MAX=26.5 GAL

S-1575 HACHINØHE-S



VELOCITY
R=7.0 CM/SEC.
MAX=6.9 CM/SEC.

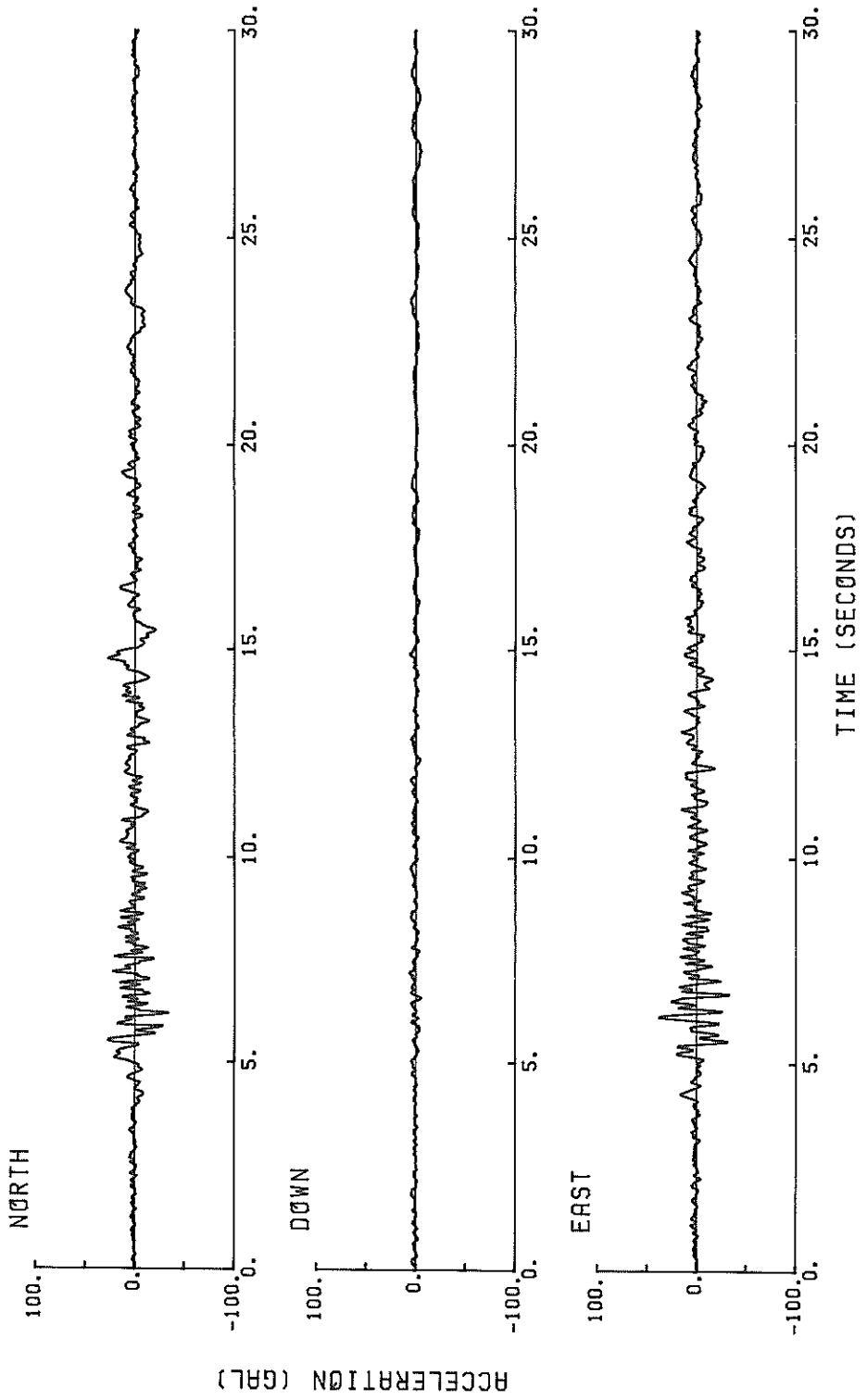
S-1575 HACHINØHE-S



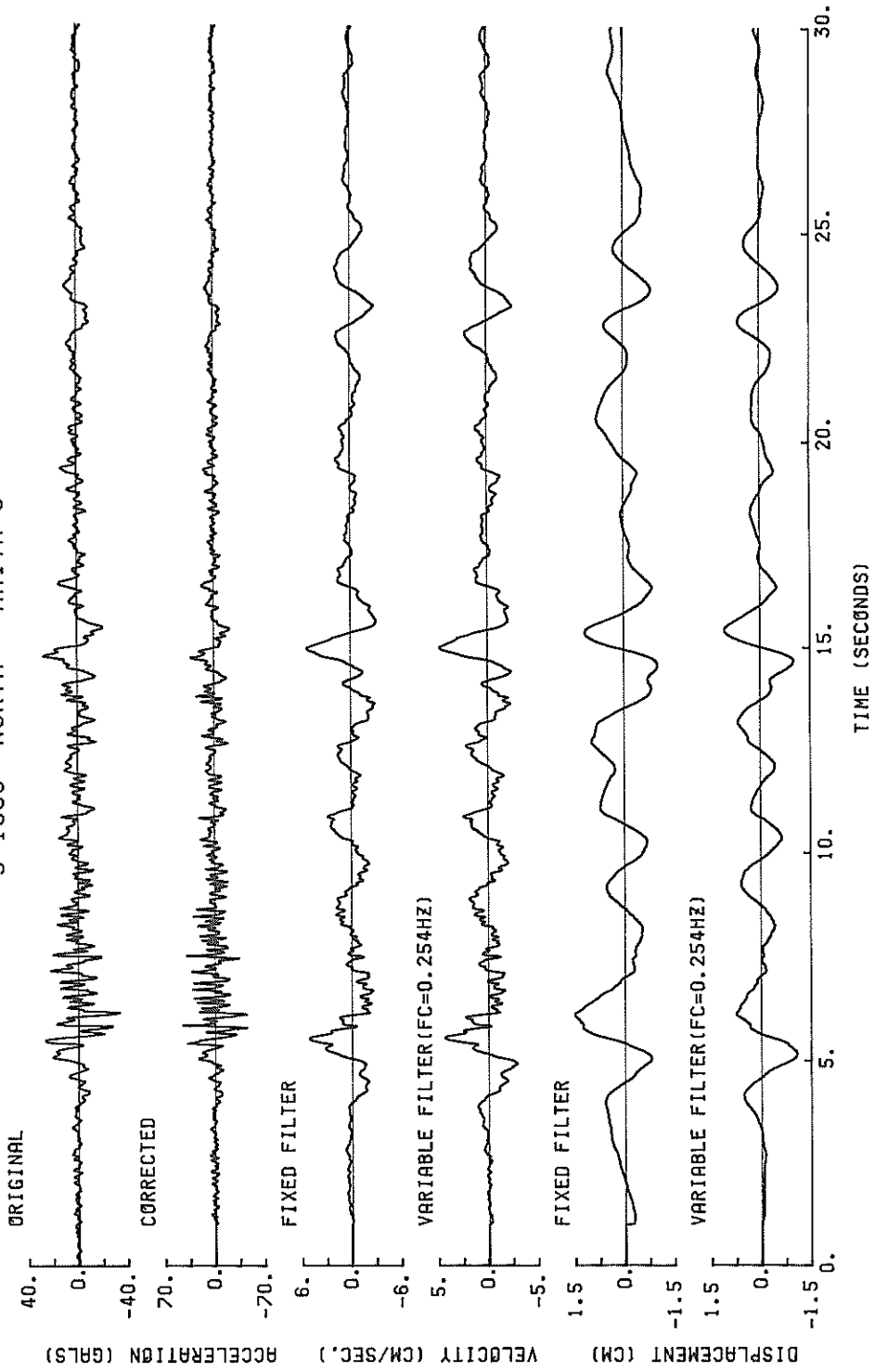
DISPLACEMENT
R=6.00 CM
MAX=5.90 CM

LOCI OF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

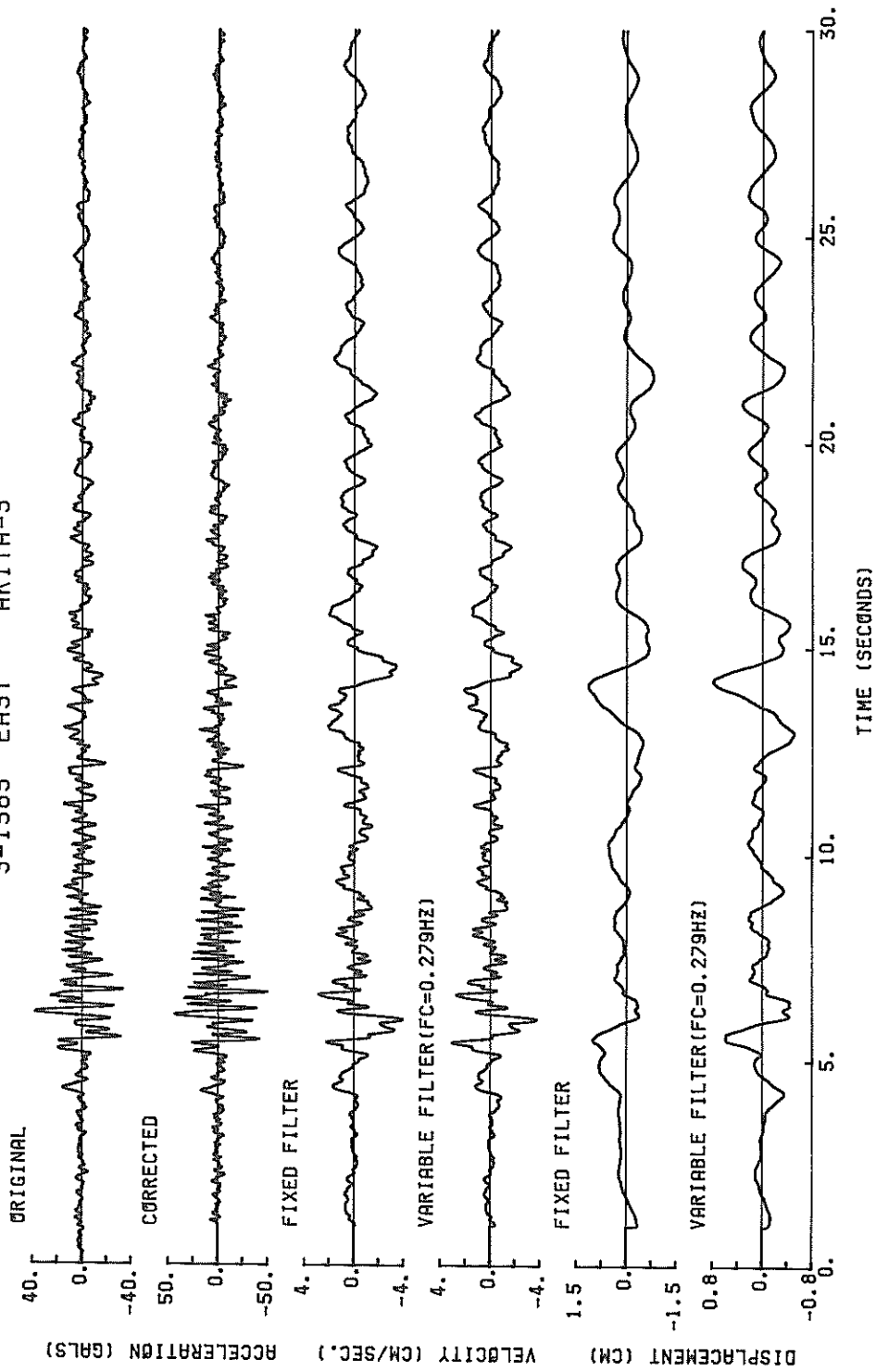
S-1585 AKITA-S



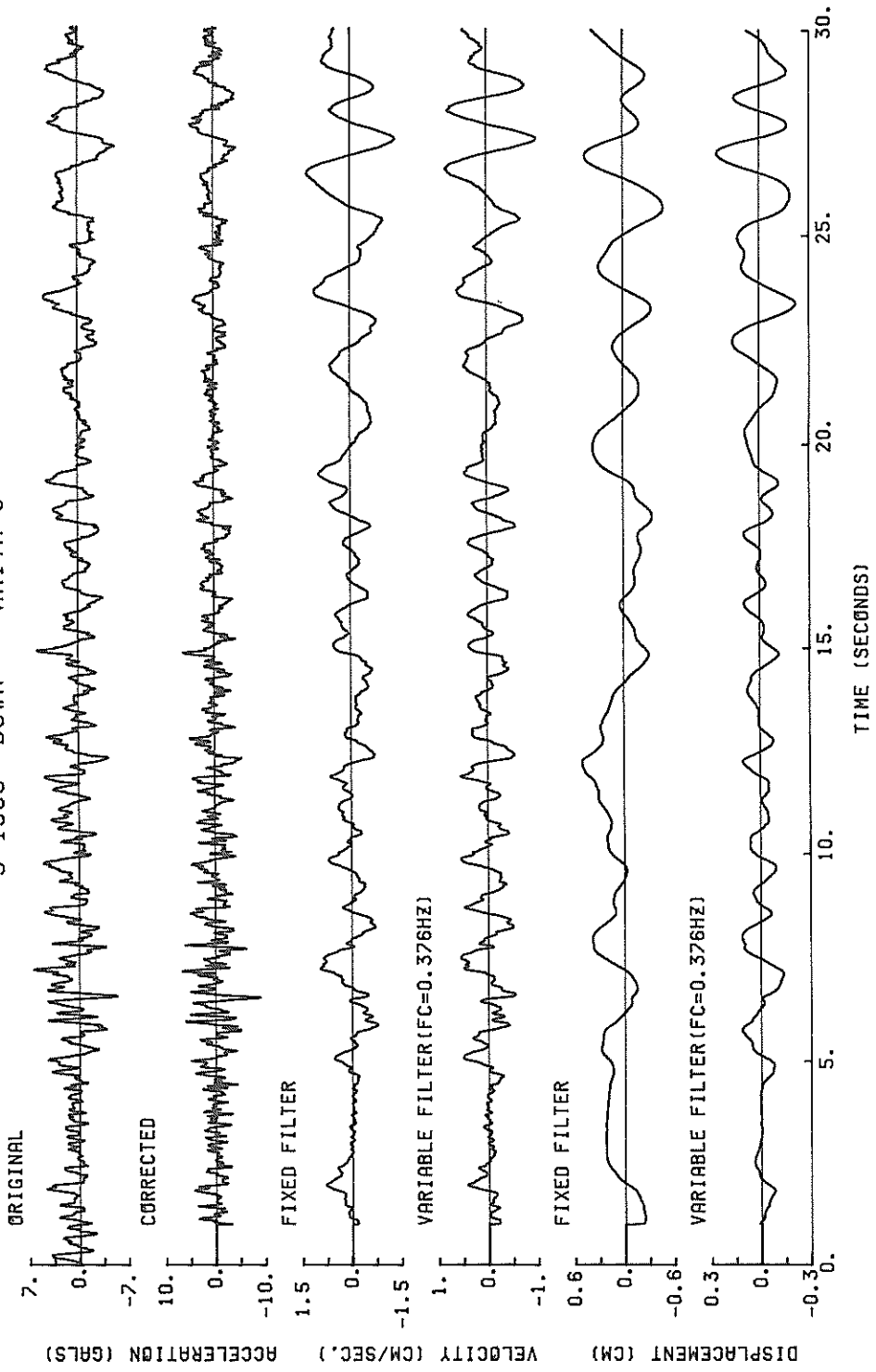
S-1585 NORTH AKITA-S



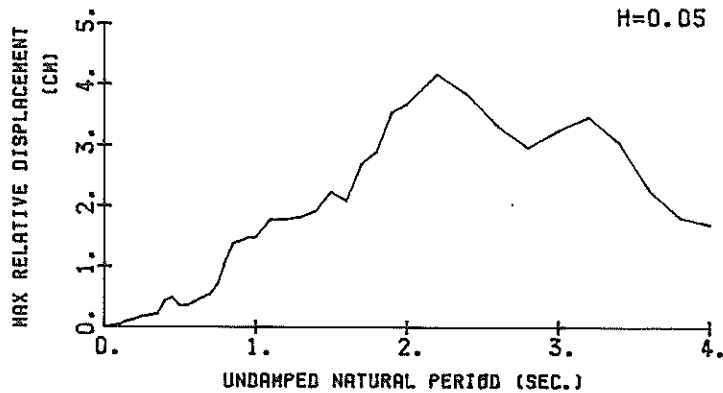
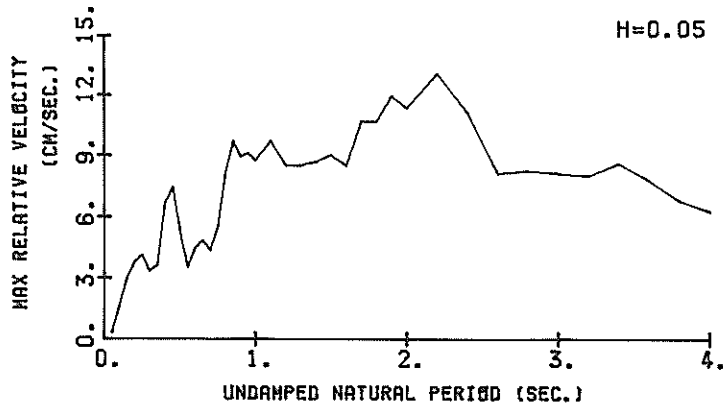
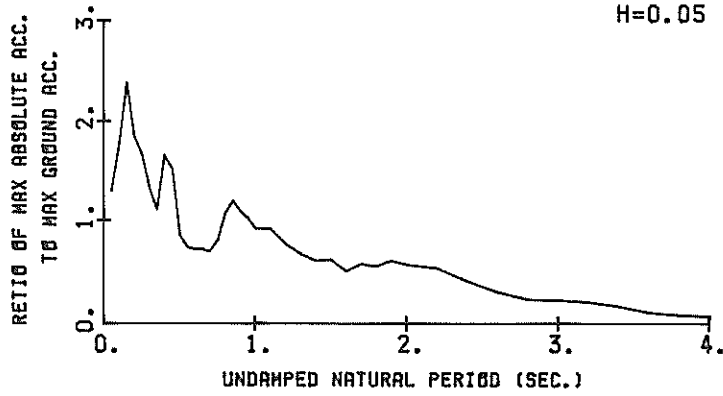
S-1585 EAST AKITA-S



S-1585 DOWN AKITA-S

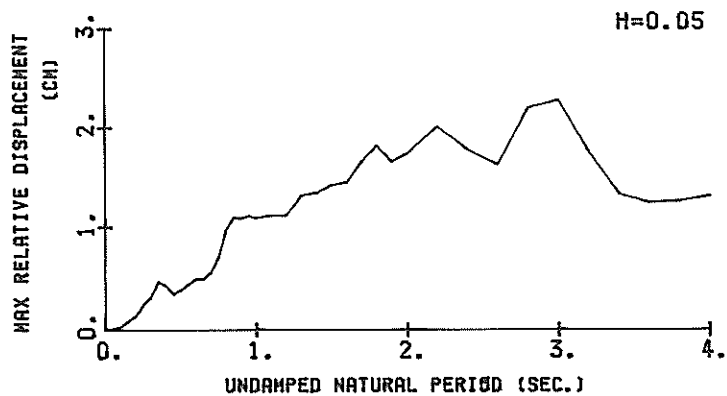
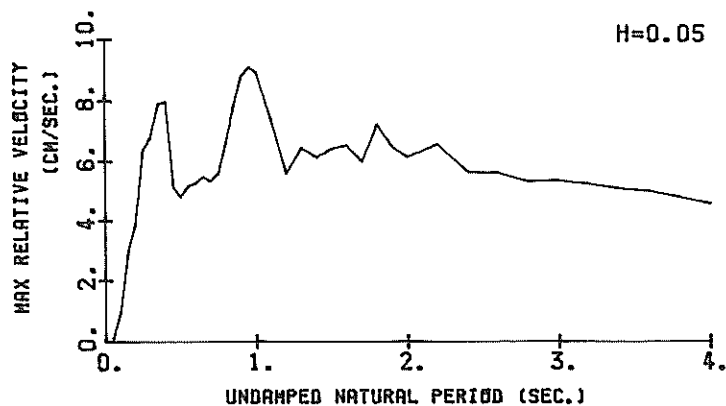
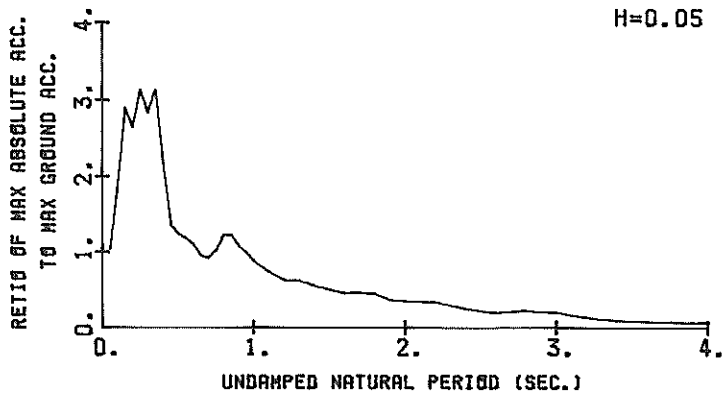


S-1585 NORTH AKITA-S
(1/FC=3.93 SEC.)



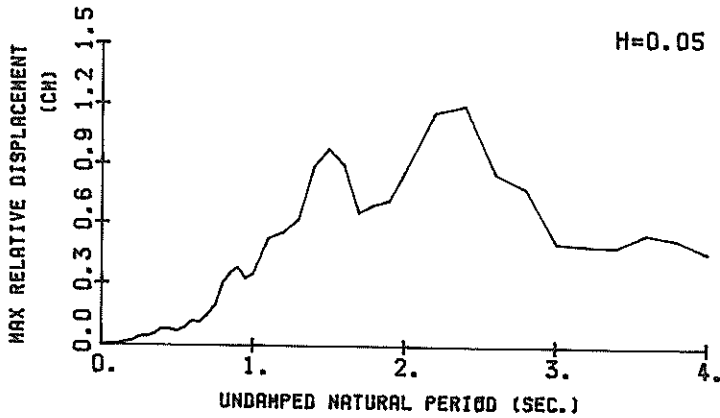
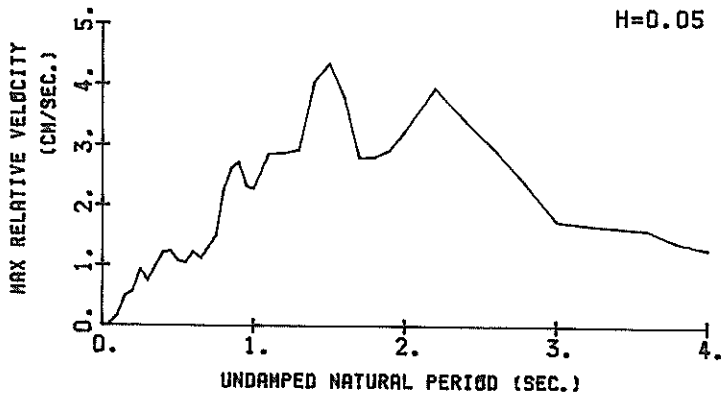
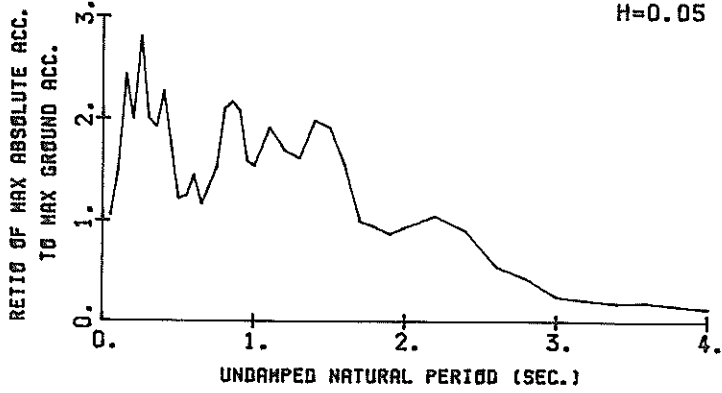
RESPONSE SPECTRA

S-1585 EAST AKITA-S
(1/FC=3.59 SEC.)



RESPONSE SPECTRA

S-1585 DOWN AKITA-S
(1/FC=2.66 SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = S-1585 COMPONENT = NORTH SIGNAL = GR. ACC. CORRECTION = MAX-GROUND ACC. = STATION = AKITA-S
 DATE AND TIME = 1983-06-09-21-49 SAMPLING INTERVAL = 0.0100(SEC) 63.58 (GAL)
 TIME LENGTH = 30.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	99.2	0.54	0.086	82.9	0.39	0.005	82.6	0.37	0.005	81.0	0.34	0.005	76.9	0.26	0.005
0.10	170.2	2.62	0.043	119.9	1.83	0.030	110.8	1.62	0.028	110.8	1.34	0.025	84.3	0.93	0.019
0.15	292.6	6.89	0.167	190.7	3.88	0.108	151.7	3.03	0.086	114.5	2.47	0.064	78.7	1.72	0.040
0.20	319.8	10.08	0.334	138.1	4.31	0.140	117.9	3.79	0.119	90.4	3.09	0.090	56.2	2.05	0.051
0.25	181.8	7.43	0.288	140.7	5.63	0.223	105.8	4.14	0.167	69.2	2.74	0.108	52.4	1.61	0.075
0.30	156.8	7.37	0.358	97.2	3.87	0.221	85.2	3.37	0.194	71.0	2.75	0.158	52.3	1.83	0.107
0.35	160.6	9.10	0.498	85.9	4.83	0.266	70.6	3.62	0.218	62.7	3.24	0.190	53.3	2.26	0.144
0.40	238.2	14.83	0.965	124.4	8.08	0.504	105.4	6.63	0.425	80.5	4.74	0.318	51.5	2.66	0.177
0.45	251.8	18.03	1.292	117.5	8.84	0.602	99.7	7.43	0.493	70.5	5.55	0.355	42.6	3.20	0.188
0.50	106.1	8.13	0.672	63.3	5.50	0.401	55.0	5.29	0.347	47.5	4.69	0.289	36.3	3.24	0.198
0.55	94.6	8.04	0.725	50.1	4.10	0.383	47.1	3.54	0.360	37.2	3.47	0.282	33.5	3.00	0.213
0.60	65.9	6.35	0.601	52.7	5.23	0.480	46.3	4.67	0.420	35.2	3.50	0.354	30.8	2.73	0.263
0.65	71.4	8.81	0.765	48.1	6.21	0.515	46.3	4.87	0.494	41.3	3.58	0.436	32.7	2.47	0.326
0.70	91.4	9.67	1.135	43.3	4.51	0.537	44.6	4.35	0.551	42.3	4.01	0.517	33.9	2.82	0.389
0.75	89.4	9.96	1.274	53.2	5.56	0.757	31.4	5.55	0.730	46.0	4.96	0.645	34.4	3.26	0.456
0.80	117.7	13.89	1.908	83.4	9.90	1.350	67.9	8.13	1.096	50.9	6.19	0.813	34.4	3.64	0.525
0.85	163.9	21.42	2.999	99.3	12.61	1.816	76.3	9.73	1.391	54.2	6.98	0.979	34.5	3.91	0.587
0.90	103.4	14.52	2.122	77.4	10.43	1.587	69.8	8.93	1.428	54.2	6.93	1.098	34.0	4.08	0.640
0.95	163.6	21.75	3.284	76.9	11.18	1.756	65.4	9.11	1.489	53.1	6.78	1.194	33.8	4.12	0.718
1.00	53.3	9.07	1.350	57.8	8.95	1.482	58.9	8.75	1.486	51.4	7.03	1.281	34.2	4.07	0.794
1.10	94.4	16.11	2.893	67.7	11.56	2.073	58.8	9.71	1.793	48.2	7.38	1.453	33.2	4.51	0.919
1.20	73.2	13.08	2.671	55.1	10.00	2.006	49.3	8.51	1.790	42.7	6.88	1.525	31.0	4.92	1.013
1.30	55.2	11.32	2.363	44.4	9.07	1.900	43.0	8.52	1.832	38.0	6.94	1.594	28.5	5.27	1.082
1.40	90.0	19.37	4.467	47.5	10.76	2.355	39.1	8.69	1.929	33.5	7.13	1.630	26.0	5.51	1.134
1.50	100.8	24.23	5.747	57.1	13.11	3.233	39.6	9.02	2.266	28.8	7.33	1.609	23.6	5.84	1.175
1.60	88.0	22.61	5.710	46.3	12.42	3.002	32.5	8.52	2.099	24.6	7.28	1.569	21.6	5.53	1.222
1.70	82.2	22.72	6.014	51.5	14.86	3.768	37.1	10.70	2.702	20.2	7.00	1.737	20.2	5.33	1.289
1.80	81.8	23.47	6.712	50.0	15.15	4.100	35.5	10.69	2.905	23.3	7.05	1.872	19.3	5.33	1.379
1.90	114.3	34.53	10.456	54.2	16.39	4.946	38.9	11.96	3.541	26.6	7.81	2.383	18.6	5.85	1.474
2.00	47.7	15.26	4.837	42.4	13.37	4.287	36.4	11.33	3.669	27.0	8.79	2.682	17.6	6.16	1.553
2.20	60.2	21.27	7.383	43.7	16.19	5.349	34.2	13.09	4.168	25.3	9.93	3.022	15.5	6.66	1.653
2.40	25.8	25.88	9.596	37.0	14.83	5.365	26.4	11.11	3.826	18.9	8.78	2.691	14.1	6.28	1.659
2.60	29.6	12.85	5.064	23.7	9.92	4.054	19.6	8.09	3.319	14.3	6.77	2.471	12.5	5.91	1.699
3.00	31.1	14.47	6.167	19.3	9.61	3.850	15.0	8.24	2.971	11.3	6.60	2.152	11.1	5.60	1.735
3.20	25.7	13.12	5.858	18.1	9.72	4.125	14.3	8.12	3.244	10.6	6.60	2.325	10.1	5.49	1.787
3.40	20.3	11.24	5.267	16.1	9.14	4.173	13.4	7.98	3.457	10.7	6.84	2.648	9.2	5.60	1.821
3.60	13.6	11.12	3.974	11.8	9.67	3.439	10.6	8.62	3.050	9.1	7.32	2.525	8.3	5.75	1.814
3.80	8.1	8.46	2.659	6.8	8.14	2.234	7.1	7.78	2.269	7.1	7.10	2.187	7.4	5.82	1.773
4.00	5.4	6.63	1.961	5.2	6.65	1.892	5.2	6.77	1.827	5.6	6.66	1.913	6.6	5.83	1.717
4.20	4.5	6.41	1.808	4.4	6.35	1.759	4.4	6.27	1.715	4.8	6.34	1.789	6.0	5.80	1.660

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1585 COMPONENT = EAST SIGNAL = GR. ACC. CORRECTION = STATION = AKITA-S
 DATE AND TIME = 1983-06-09-21--49 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 49.37 (GAL)
 TIME LENGTH = 30.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	AA	RV	RD	AA	AA	RV	RD	AA	AA	RV	RD	AA	AA	RV	RD	
0.05	50.5	0.20	0.003	52.1	0.14	0.003	52.0	0.13	0.003	52.2	0.12	0.003	52.7	0.11	0.003	52.7	0.11	0.003	52.7	
0.10	325.2	5.09	0.082	102.8	1.31	0.026	91.6	0.98	0.023	82.9	0.77	0.021	69.6	0.53	0.017	69.6	0.53	0.017	69.6	
0.15	272.2	6.33	0.155	188.2	4.00	0.108	143.0	2.97	0.082	103.0	2.02	0.057	65.5	1.20	0.035	65.5	1.20	0.035	65.5	
0.20	313.4	9.84	0.318	162.6	5.04	0.165	130.2	3.90	0.131	106.1	3.32	0.106	72.3	2.04	0.068	72.3	2.04	0.068	72.3	
0.25	281.3	11.22	0.445	188.8	7.52	0.209	155.0	6.36	0.246	116.7	4.81	0.181	76.8	2.66	0.113	76.8	2.66	0.113	76.8	
0.30	225.0	10.76	0.513	167.6	8.34	0.283	139.9	6.79	0.318	110.0	5.08	0.245	71.8	3.17	0.150	71.8	3.17	0.150	71.8	
0.35	326.3	12.68	1.000	198.1	10.53	0.615	154.8	7.98	0.476	104.3	5.52	0.316	64.9	3.62	0.181	64.9	3.62	0.181	64.9	
0.40	306.1	19.28	1.241	133.3	9.52	0.540	108.5	7.98	0.439	80.5	6.07	0.319	56.0	3.60	0.200	56.0	3.60	0.200	56.0	
0.45	128.5	9.09	0.659	79.6	5.98	0.407	67.6	5.16	0.345	55.4	4.56	0.275	45.5	3.47	0.201	45.5	3.47	0.201	45.5	
0.50	84.5	7.58	0.535	70.5	5.89	0.446	61.5	4.81	0.388	50.3	3.82	0.314	36.7	3.23	0.202	36.7	3.23	0.202	36.7	
0.55	107.1	9.04	0.821	65.0	6.09	0.497	59.0	5.18	0.450	49.2	4.22	0.373	33.5	3.12	0.247	33.5	3.12	0.247	33.5	
0.60	86.3	7.91	0.787	60.3	5.98	0.549	54.8	5.27	0.497	47.1	4.27	0.423	34.6	3.23	0.294	34.6	3.23	0.294	34.6	
0.65	101.3	10.19	1.084	49.3	6.19	0.527	47.1	5.50	0.501	43.3	4.53	0.455	34.5	3.30	0.337	34.5	3.30	0.337	34.5	
0.70	47.8	5.57	0.594	46.8	5.59	0.579	45.4	5.35	0.559	41.9	4.63	0.506	35.1	3.34	0.376	35.1	3.34	0.376	35.1	
0.75	100.9	11.61	1.437	52.7	6.35	0.750	51.0	6.65	0.722	45.9	4.54	0.635	35.5	3.39	0.419	35.5	3.39	0.419	35.5	
0.80	98.7	12.09	1.600	70.1	8.12	1.134	60.7	8.65	0.977	49.1	5.13	0.769	34.8	3.91	0.457	34.8	3.91	0.457	34.8	
0.85	104.9	13.54	1.921	80.4	8.98	1.288	60.6	7.87	1.101	47.8	6.42	0.844	33.0	4.41	0.476	33.0	4.41	0.476	33.0	
0.90	85.8	12.17	1.761	61.3	9.82	1.256	53.5	8.80	1.093	42.6	7.23	0.845	30.3	4.80	0.477	30.3	4.80	0.477	30.3	
0.95	237.2	35.32	5.622	81.3	12.04	1.855	48.9	9.11	1.113	36.9	7.57	0.834	26.9	5.05	0.481	26.9	5.05	0.481	26.9	
1.00	74.3	12.48	1.883	53.9	9.91	1.415	43.6	8.95	1.099	33.9	7.53	0.838	23.3	5.17	0.478	23.3	5.17	0.478	23.3	
1.10	62.0	10.74	1.901	43.3	7.73	1.325	36.7	7.36	1.122	28.8	6.66	0.872	18.1	5.11	0.508	18.1	5.11	0.508	18.1	
1.20	91.5	17.81	3.339	41.9	7.92	1.526	31.1	5.62	1.122	26.4	5.51	0.932	18.6	4.83	0.600	18.6	4.83	0.600	18.6	
1.30	83.3	16.86	3.566	43.1	9.13	1.842	31.0	6.48	1.320	22.1	4.70	0.900	18.2	4.54	0.656	18.2	4.54	0.656	18.2	
1.40	96.0	21.04	4.766	37.8	8.76	1.874	27.2	6.15	1.343	19.7	4.68	0.947	17.3	4.32	0.693	17.3	4.32	0.693	17.3	
1.50	53.0	12.92	3.020	30.6	7.60	1.743	25.0	6.34	1.621	17.6	4.76	0.977	16.3	4.17	0.720	16.3	4.17	0.720	16.3	
1.60	44.1	11.42	2.857	29.8	8.05	1.932	22.6	6.56	1.455	16.7	4.89	1.007	15.3	4.05	0.740	15.3	4.05	0.740	15.3	
1.70	60.8	17.09	4.451	31.1	7.76	2.270	22.7	6.02	1.655	16.4	4.76	1.170	14.3	3.94	0.771	14.3	3.94	0.771	14.3	
1.80	42.8	13.24	3.515	28.8	9.20	2.259	22.3	7.26	1.815	15.9	5.39	1.267	13.2	3.81	0.855	13.2	3.81	0.855	13.2	
1.90	24.4	6.88	2.228	21.4	6.81	1.958	18.2	6.52	1.655	15.4	5.54	1.366	12.1	3.69	0.926	12.1	3.69	0.926	12.1	
2.00	20.7	6.29	2.102	19.4	6.37	1.964	17.2	6.17	1.733	14.5	5.44	1.427	11.4	3.85	0.980	11.4	3.85	0.980	11.4	
2.20	37.0	13.74	4.534	20.7	8.15	2.530	16.5	6.59	2.013	13.1	5.04	1.573	10.4	4.07	1.044	10.4	4.07	1.044	10.4	
2.60	23.8	9.32	3.478	15.9	7.04	2.310	12.3	5.98	1.783	10.2	5.15	1.456	9.1	4.18	1.083	9.1	4.18	1.083	9.1	
2.80	12.5	6.32	2.113	9.7	5.96	1.658	9.6	5.63	1.628	8.6	5.17	1.422	8.3	4.20	1.111	8.3	4.20	1.111	8.3	
3.00	22.3	10.04	4.437	14.6	6.60	2.891	11.2	5.56	2.199	8.4	4.95	1.616	7.7	4.13	1.135	7.7	4.13	1.135	7.7	
3.20	21.7	10.94	4.955	12.8	6.53	2.910	10.0	5.59	2.277	7.6	4.54	1.653	7.0	4.00	1.139	7.0	4.00	1.139	7.0	
3.40	9.9	6.53	2.567	7.4	5.83	1.909	6.8	5.29	1.751	6.1	4.63	1.506	6.4	3.82	1.112	6.4	3.82	1.112	6.4	
3.60	4.8	5.65	1.403	4.6	5.37	1.328	4.6	5.13	1.329	4.7	4.72	1.315	5.7	3.89	1.063	5.7	3.89	1.063	5.7	
3.80	4.9	5.44	1.624	3.8	5.23	1.248	3.9	5.03	1.246	3.9	4.69	1.205	5.1	3.94	1.005	5.1	3.94	1.005	5.1	
4.00	4.6	5.12	1.700	3.8	4.98	1.391	3.5	4.84	1.260	3.3	4.59	1.133	4.6	3.96	0.944	4.6	3.96	0.944	4.6	
4.20	4.3	4.77	1.731	3.6	4.70	1.462	3.2	4.62	1.312	3.2	4.45	1.173	4.2	3.95	0.918	4.2	3.95	0.918	4.2	

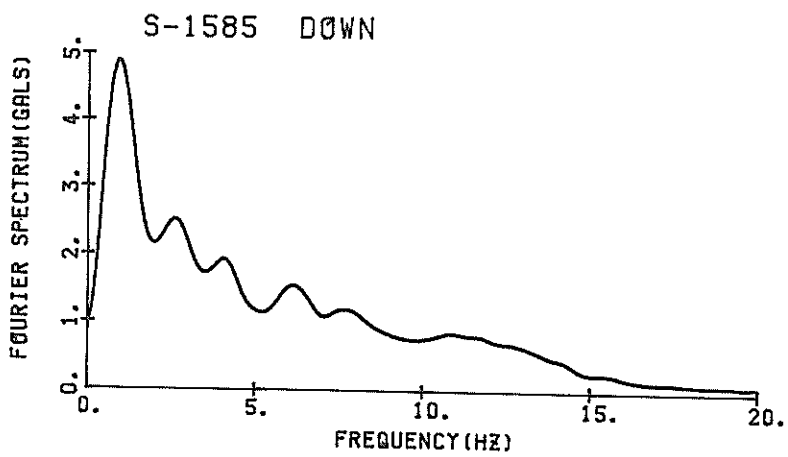
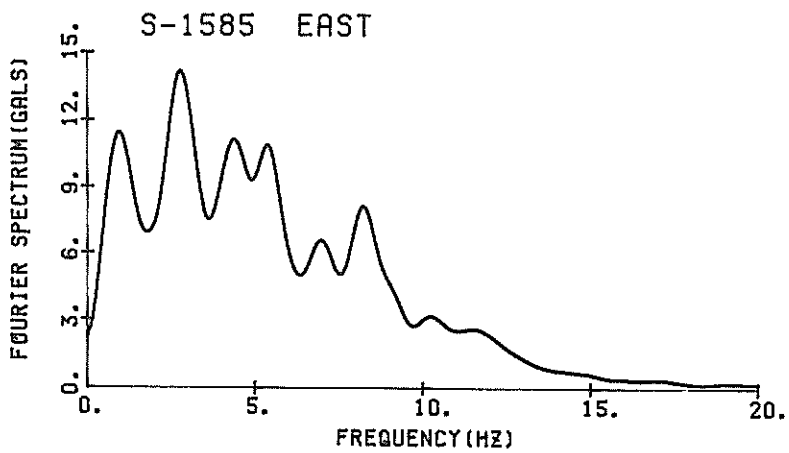
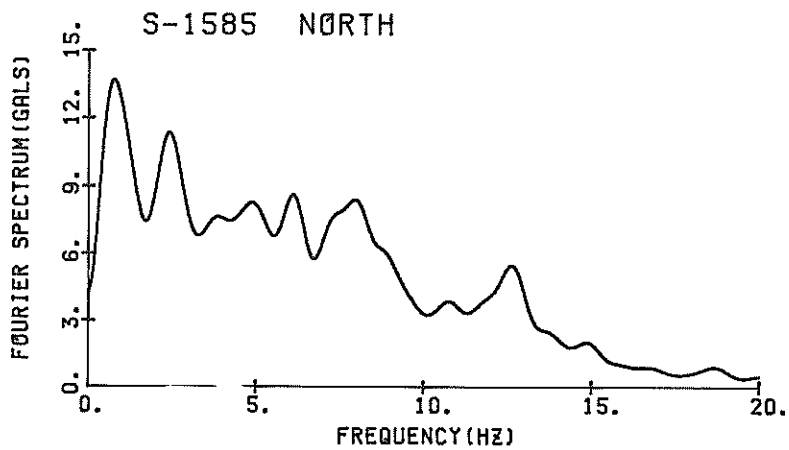
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1585 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = MAX.GROUND ACC. = STATION = AKITA-S
 DATE AND TIME = 1983-06-09-21-49 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 9.04 (GAL)
 TIME LENGTH = 30.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

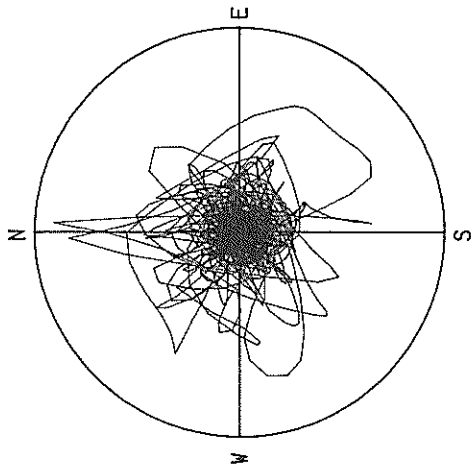
PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	22.1	0.15	0.001	9.7	0.03	0.001	9.7	0.03	0.001	9.7	0.03	0.001	9.7	0.02	0.001
0.10	46.0	0.70	0.012	15.8	0.64	0.017	22.0	0.49	0.013	12.5	0.16	0.003	10.3	0.09	0.003
0.15	88.2	2.06	0.050	30.4	0.78	0.026	18.0	0.56	0.018	15.5	0.35	0.009	11.2	0.19	0.006
0.20	55.9	1.72	0.057	25.4	0.78	0.026	18.0	0.56	0.018	13.2	0.42	0.013	11.6	0.27	0.011
0.25	60.7	2.31	0.096	31.8	1.19	0.050	23.3	0.94	0.040	18.3	0.68	0.028	12.7	0.39	0.018
0.30	36.5	1.72	0.083	22.7	0.98	0.052	18.1	0.74	0.041	13.5	0.67	0.030	11.6	0.48	0.024
0.35	61.9	3.41	0.192	25.6	1.39	0.079	17.3	0.99	0.053	13.0	0.78	0.039	10.5	0.52	0.023
0.40	59.7	3.82	0.242	28.1	1.72	0.114	20.5	1.21	0.082	13.6	0.85	0.054	9.3	0.54	0.033
0.45	39.1	2.80	0.200	21.6	1.67	0.110	15.3	1.24	0.078	10.5	0.88	0.052	7.5	0.55	0.033
0.50	22.2	1.68	0.141	12.7	1.16	0.081	11.0	1.08	0.070	9.6	0.91	0.060	6.5	0.57	0.038
0.55	20.5	1.78	0.157	12.3	1.10	0.094	11.3	1.05	0.086	9.5	0.88	0.071	6.4	0.56	0.044
0.60	43.1	4.09	0.393	18.9	1.80	0.172	13.2	1.23	0.119	8.8	0.83	0.078	6.0	0.50	0.051
0.65	17.2	1.77	0.184	12.9	1.37	0.138	10.6	1.12	0.113	8.2	0.84	0.087	6.2	0.55	0.061
0.70	33.4	3.52	0.414	15.7	1.64	0.195	12.2	1.30	0.150	9.1	0.90	0.111	6.5	0.60	0.073
0.75	24.7	2.90	0.352	17.1	1.96	0.243	13.9	1.51	0.198	10.3	1.06	0.144	6.6	0.71	0.086
0.80	57.5	7.04	0.932	27.3	3.37	0.442	18.9	2.26	0.260	12.5	1.50	0.199	6.6	0.79	0.098
0.85	48.0	5.07	0.732	24.4	3.29	0.446	19.6	2.62	0.357	13.1	1.74	0.235	6.6	0.83	0.113
0.90	49.5	7.17	1.017	25.7	3.78	0.527	18.8	2.72	0.384	11.9	1.74	0.235	6.9	0.82	0.111
0.95	46.4	6.60	1.060	21.7	3.48	0.696	14.4	2.33	0.328	10.0	1.51	0.225	7.1	0.81	0.150
1.00	40.4	6.01	1.023	19.3	3.21	0.487	14.0	2.29	0.352	10.8	1.61	0.269	7.2	0.82	0.169
1.10	35.5	6.44	1.089	20.6	3.55	0.630	17.3	2.86	0.528	12.4	1.91	0.374	7.8	1.08	0.219
1.20	33.3	6.45	1.216	17.9	3.46	0.653	15.3	2.87	0.557	12.5	2.19	0.445	8.0	1.30	0.266
1.30	16.9	3.43	0.724	15.1	3.16	0.647	14.6	2.92	0.622	12.3	2.48	0.516	8.1	1.47	0.308
1.40	20.6	5.62	1.269	22.3	4.88	1.104	17.9	4.04	0.886	12.8	2.97	0.620	7.8	1.57	0.342
1.50	34.3	8.26	1.953	22.2	5.57	1.262	17.3	4.33	0.979	12.5	3.05	0.695	7.3	1.67	0.362
1.60	29.8	7.19	1.933	17.6	4.66	1.138	13.9	3.78	0.958	10.6	2.90	0.672	6.7	1.74	0.381
1.70	18.7	5.22	1.369	11.1	3.03	0.808	9.0	2.80	0.657	8.5	2.65	0.609	6.3	1.75	0.399
1.80	9.0	3.06	0.738	9.3	3.03	0.763	8.6	2.81	0.697	7.4	2.56	0.592	5.8	1.72	0.412
1.90	12.9	4.25	1.175	8.6	3.14	0.786	7.9	2.92	0.718	7.2	2.57	0.643	5.4	1.68	0.421
2.00	16.7	5.55	1.695	9.9	3.56	0.997	8.5	3.24	0.859	7.3	2.60	0.723	5.0	1.69	0.434
2.20	13.6	5.53	1.672	11.5	4.73	1.409	9.5	3.95	1.160	7.1	2.91	0.847	4.7	1.71	0.487
2.40	14.9	5.97	2.173	10.3	4.25	1.503	8.2	3.42	1.194	6.2	2.55	0.875	4.2	1.62	0.500
2.60	5.0	2.70	0.863	5.3	3.06	0.912	5.0	2.93	0.854	4.3	2.47	0.714	3.5	1.61	0.474
2.80	7.1	3.54	1.403	4.8	2.56	0.957	4.0	2.37	0.780	3.3	2.14	0.626	2.9	1.60	0.428
3.00	3.5	2.12	0.805	2.6	1.78	0.595	2.3	1.75	0.511	2.4	1.82	0.526	2.3	1.55	0.411
3.20	2.3	1.71	0.604	2.0	1.70	0.517	1.9	1.69	0.497	2.0	1.68	0.486	2.0	1.49	0.403
3.40	2.0	1.71	0.581	1.6	1.68	0.475	1.7	1.65	0.492	1.7	1.60	0.479	1.7	1.44	0.395
3.60	2.4	1.93	0.782	1.9	1.72	0.630	1.7	1.61	0.557	1.6	1.51	0.485	1.6	1.38	0.386
3.80	1.6	1.54	0.602	1.6	1.41	0.570	1.5	1.40	0.530	1.4	1.39	0.468	1.4	1.33	0.376
4.00	1.3	1.42	0.533	1.2	1.36	0.494	1.2	1.29	0.466	1.1	1.28	0.429	1.1	1.28	0.364

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



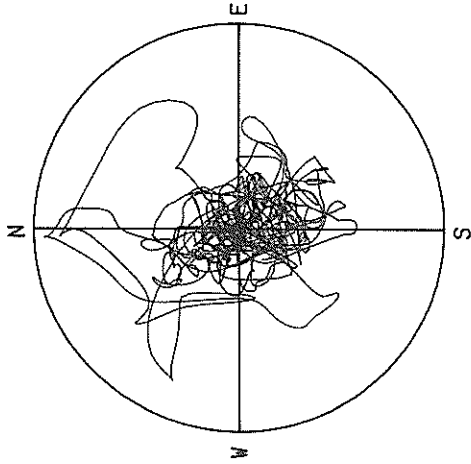
FOURIER SPECTRA

S-1585 AKITA-S



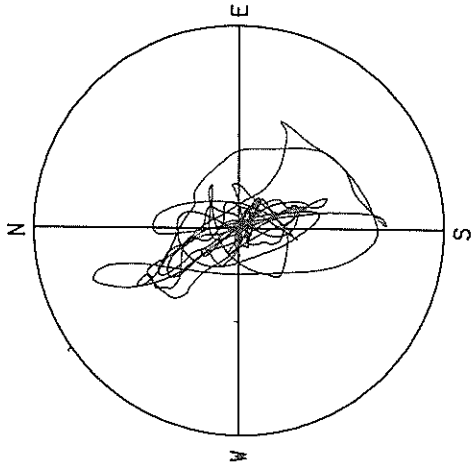
ACCELERATION
R=70.0 GAL
MAX=63.7 GAL

S-1585 AKITA-S



VELOCITY
R=5.0 CM/SEC.
MAX=4.7 CM/SEC.

S-1585 AKITA-S



DISPLACEMENT
R=1.50 CM
MAX=1.13 CM

LOCI OF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

RECORD NUMBER S-1586

STATION AKITA-S

EARTHQUAKE DATA

DATA AND TIME 22:04 JUNE 09,1983

LOCATION OF HYPOCENTER

EPCENTRAL REGION W OFF N TOHOKU

LATITUDE 40.185°N

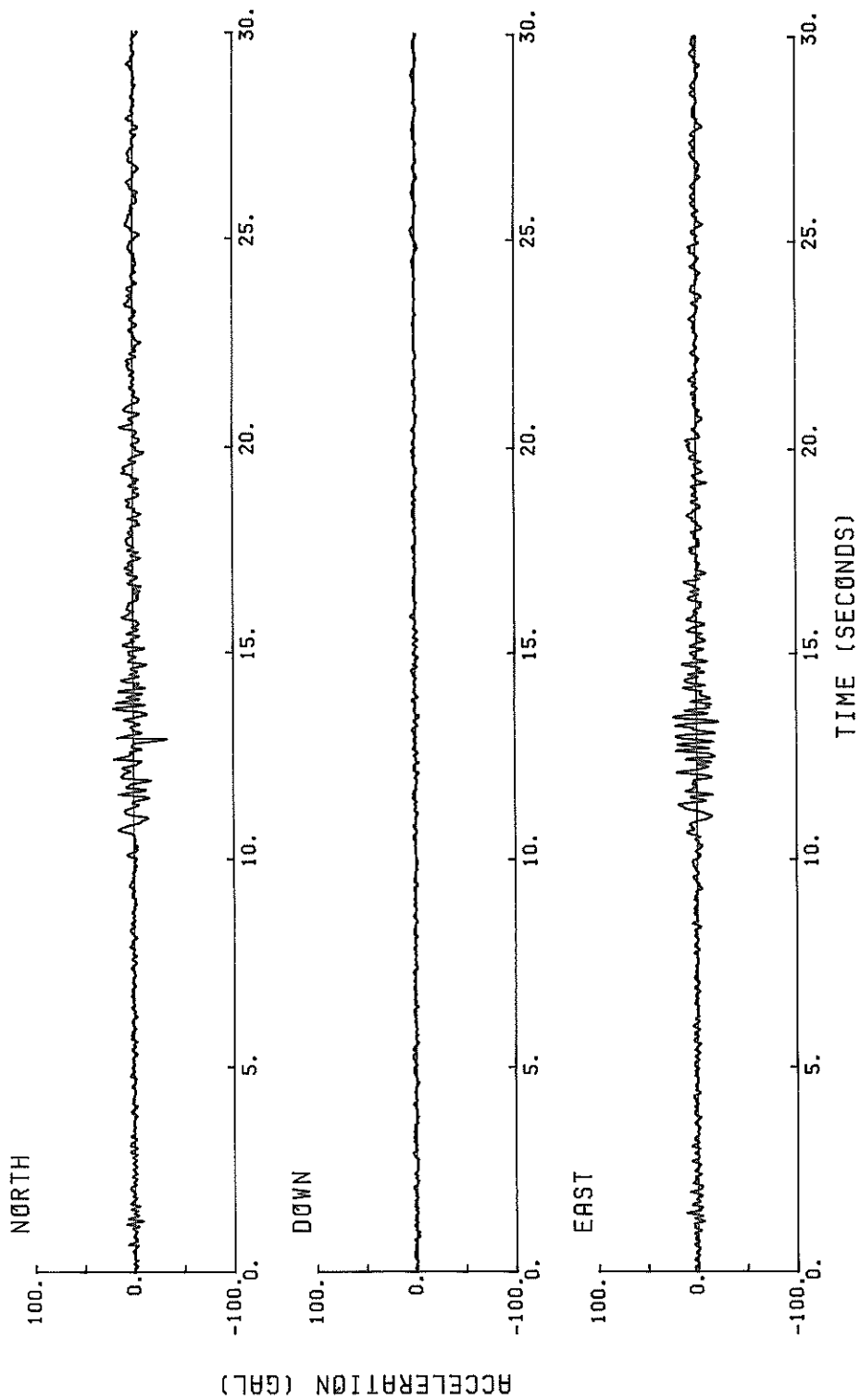
LONGITUDE 138.855°E

DEPTH 14 KM

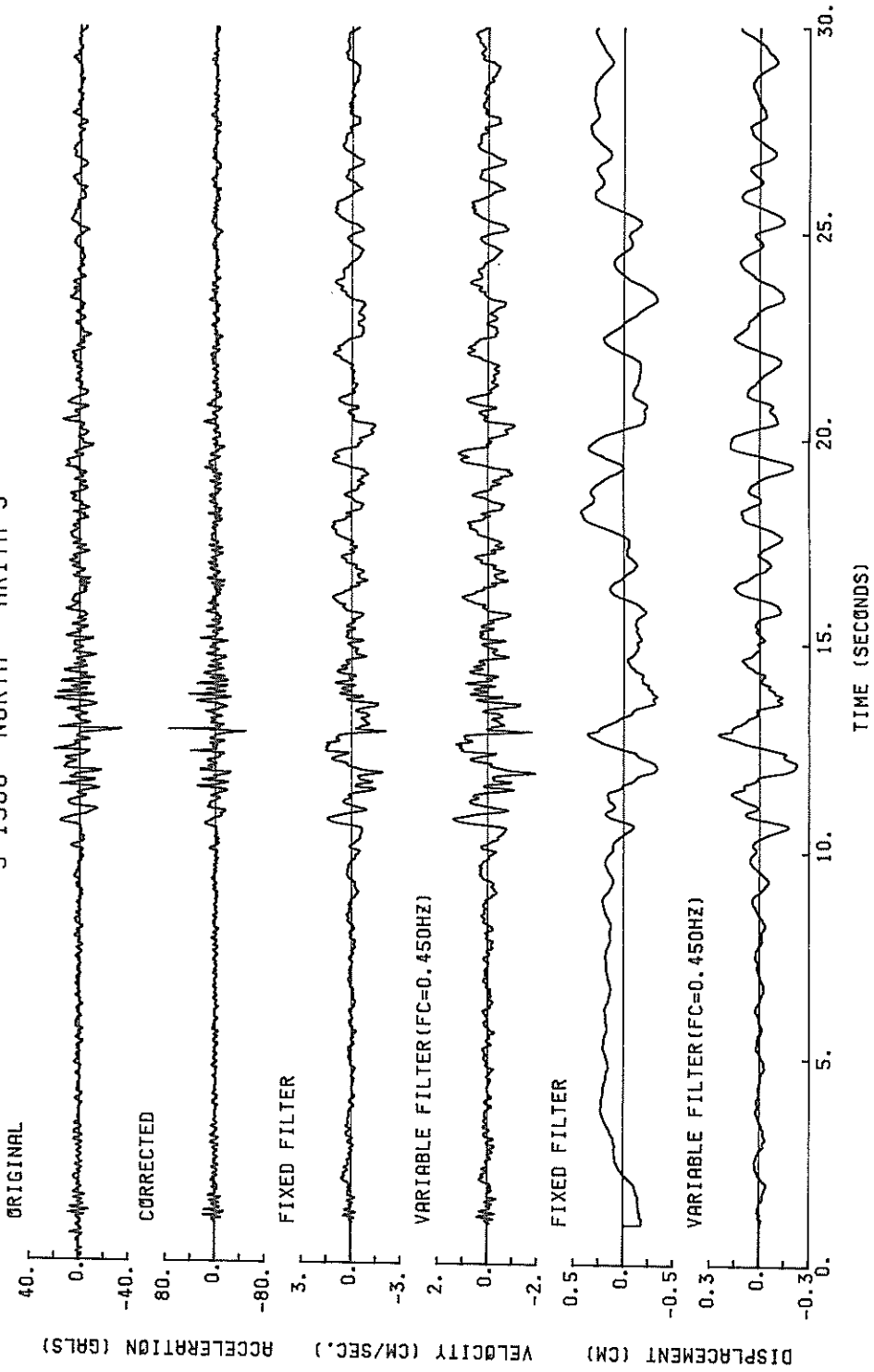
MAGNITUDE 6.0

PARAMETER OF THE VARIABLE FILTER	COMPONENT			SUM OF HORIZONTAL COMPONENT
	NORTH	EAST	DOWN	
FC (HZ)	0.450	0.474	0.987	
MAXIMUM ACCELERATION (GAL)				
ORIGINAL	33.8	23.6	4.3	34.5
CORRECTED	75.6	43.3	5.3	79.2
MAXIMUM VELOCITY (CM/SEC)				
FIXED FILTER	2.06	2.53	0.49	2.92
VARIABLE FILTER	1.92	1.88	0.22	2.23
MAXIMUM DISPLACEMENT (CM)				
FIXED FILTER	0.428	0.541	0.271	0.559
VARIABLE FILTER	0.249	0.246	0.028	0.281

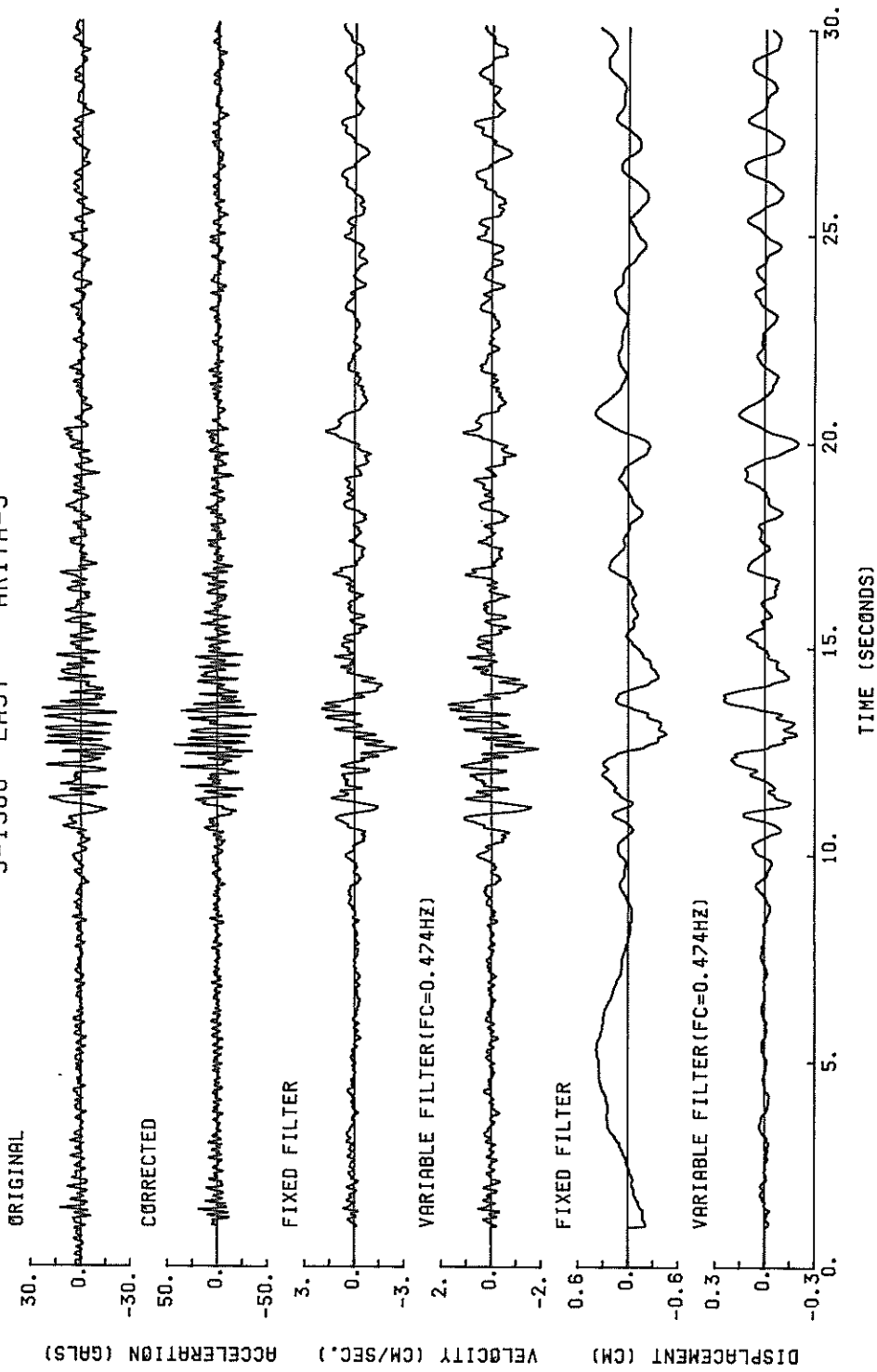
S-1586 AKITA-S



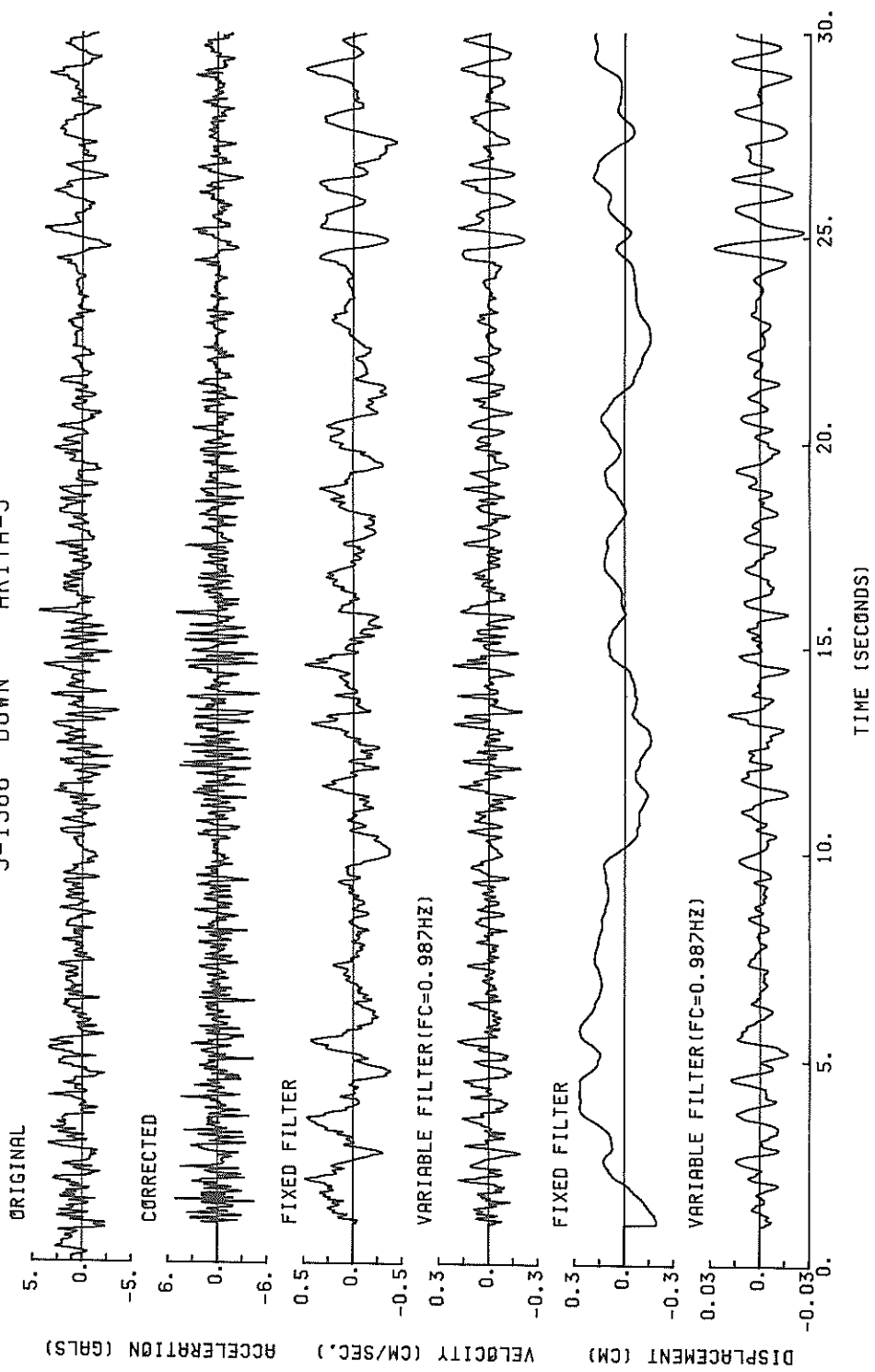
S-1586 NORTH AKITA-S



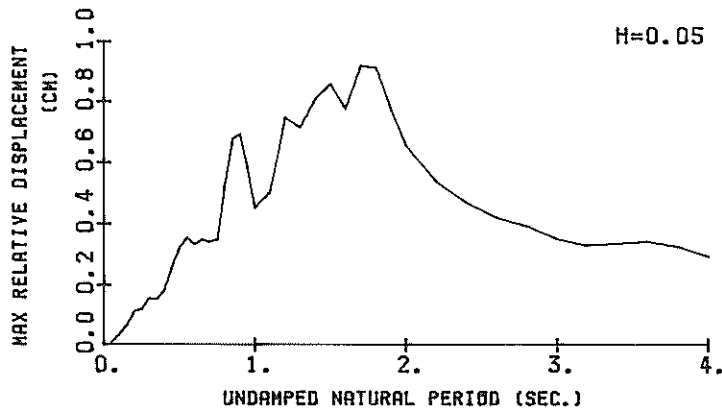
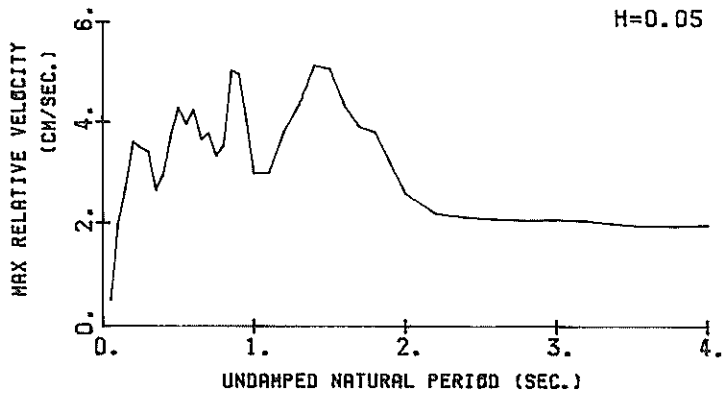
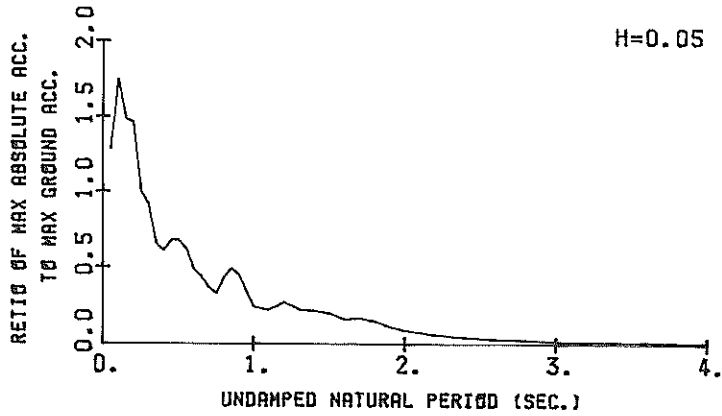
S-1586 EAST AKITA-S



S-1586 DOWN AKITA-S

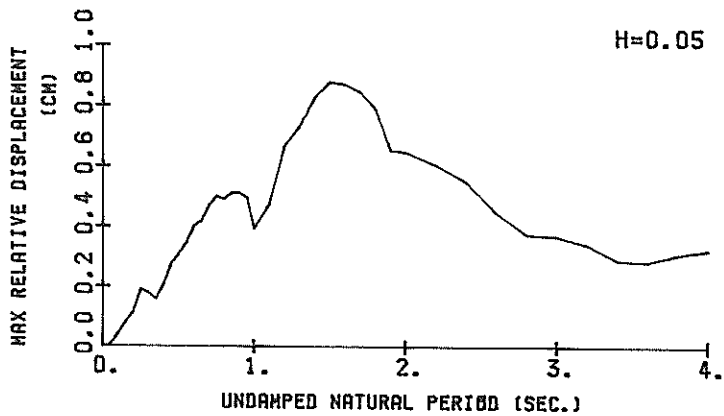
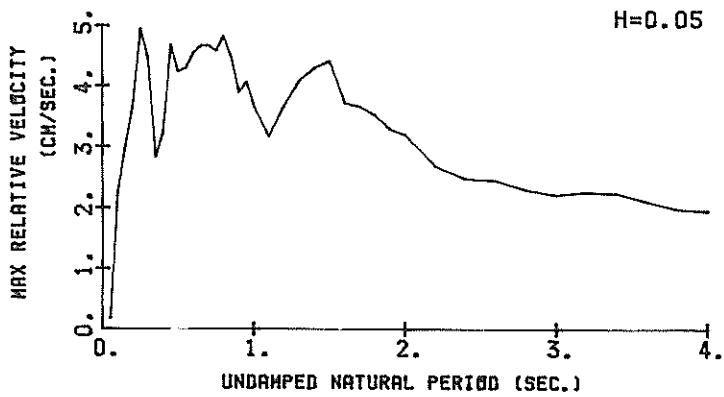
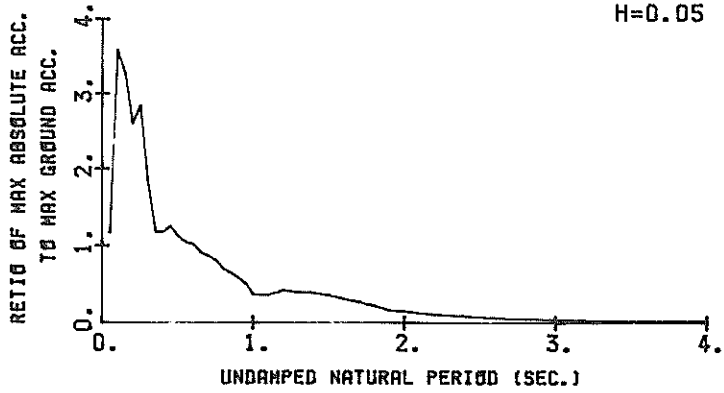


S-1586 NORTH AKITA-S
(1/FC=2.22 SEC.)



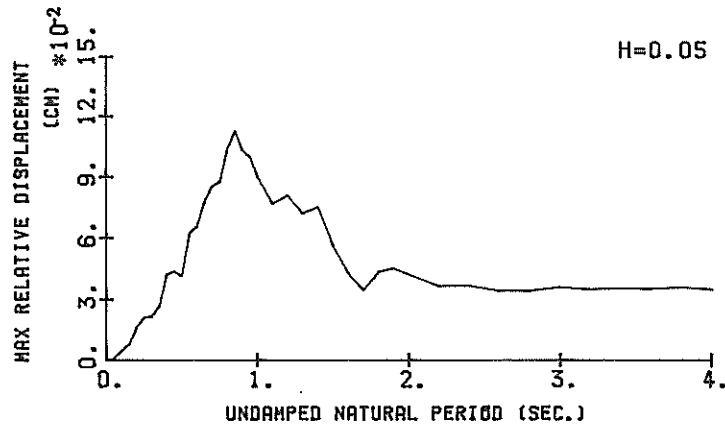
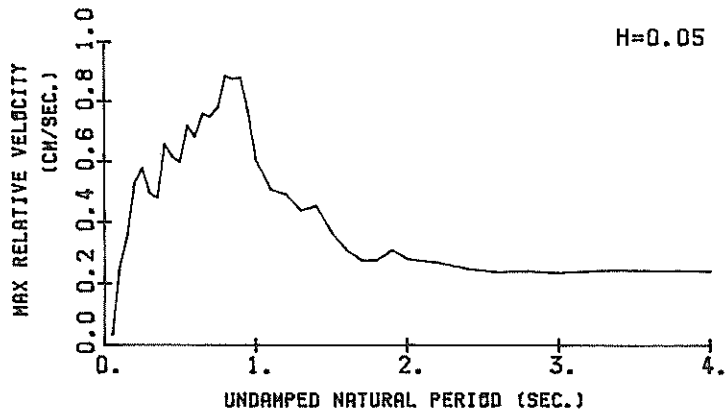
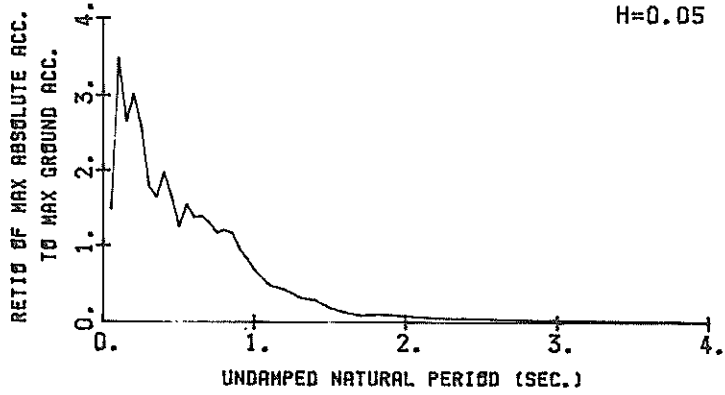
RESPONSE SPECTRA

S-1586 EAST AKITA-S
(1/FC=2.11 SEC.)



RESPONSE SPECTRA

S-1586 DOWN AKITA-S
(1/FC=1.01 SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = S-1586
 DATE AND TIME = 1983-06-09-22-04
 TIME LENGTH = 30.49 (SEC)

COMPONENT = NORTH
 SIGNAL = GR. ACC.
 SAMPRING INTERVAL = 0.0100(SEC)
 SKIPPED LENGTH = 0.00 (SEC)

STATION = AKITA-S
 MAX.GROUND ACC. = 75.58 (GAL)

DAMPING = 0.050
 DAMPING = 0.100
 DAMPING = 0.250

PER	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	91.8	0.50	0.006	96.8	0.52	0.006	97.3	0.51	0.006	96.2	0.47	0.006	91.5	0.35	0.006
0.10	291.1	4.60	0.074	144.1	2.25	0.036	132.2	1.99	0.033	121.3	1.72	0.030	98.5	1.19	0.023
0.15	182.5	4.37	0.104	131.9	3.23	0.075	112.6	2.72	0.063	84.1	1.95	0.046	73.5	1.73	0.036
0.20	374.7	11.86	0.380	170.2	5.53	0.172	110.7	3.60	0.112	77.4	2.67	0.077	51.6	2.03	0.047
0.25	98.4	4.20	0.156	83.2	3.66	0.132	76.0	3.47	0.120	60.5	2.91	0.094	48.9	2.02	0.067
0.30	187.6	8.85	0.428	83.4	4.12	0.189	69.6	3.60	0.158	42.1	2.53	0.117	42.1	1.74	0.078
0.35	92.8	5.12	0.288	58.8	3.15	0.182	49.5	2.65	0.153	38.2	2.20	0.117	51.7	1.63	0.075
0.40	76.6	5.19	0.310	50.2	3.36	0.203	45.8	2.97	0.185	38.6	2.35	0.154	25.8	1.53	0.094
0.45	110.0	7.99	0.564	67.1	5.06	0.344	51.2	3.74	0.262	37.3	2.86	0.262	25.6	1.68	0.120
0.50	103.9	8.43	0.658	63.9	5.58	0.403	51.4	4.28	0.323	38.6	2.94	0.239	25.7	1.83	0.144
0.55	112.4	9.84	0.862	55.6	4.63	0.426	46.8	3.94	0.356	35.0	3.14	0.259	24.7	1.90	0.163
0.60	81.4	7.79	0.743	43.3	4.92	0.395	36.8	4.23	0.334	31.2	3.21	0.277	22.8	1.90	0.174
0.65	71.0	7.11	0.760	36.7	4.65	0.392	33.0	3.65	0.351	27.4	3.03	0.286	20.1	2.03	0.177
0.70	62.1	6.93	0.771	35.2	4.25	0.436	27.8	3.77	0.343	22.6	3.13	0.273	17.3	2.13	0.172
0.75	43.7	5.42	0.623	29.0	3.44	0.413	24.7	3.33	0.350	19.6	2.97	0.275	16.0	2.17	0.179
0.80	68.9	8.30	1.117	42.2	4.77	0.684	32.4	3.54	0.523	22.9	2.70	0.365	15.4	2.14	0.200
0.85	116.0	15.85	2.134	49.7	6.53	0.909	37.1	5.03	0.675	23.8	3.37	0.426	15.1	2.11	0.213
0.90	82.6	12.16	1.694	50.5	7.26	1.030	33.8	4.96	0.691	20.6	3.33	0.416	14.8	2.16	0.215
0.95	62.0	9.30	1.418	30.5	4.76	0.696	25.3	3.98	0.576	18.2	2.87	0.408	14.4	2.28	0.210
1.00	24.0	4.03	0.608	19.4	3.20	0.490	18.0	2.99	0.453	15.8	2.72	0.392	13.8	2.41	0.216
1.10	27.9	4.85	0.854	18.6	3.32	0.569	16.5	3.01	0.504	13.6	2.66	0.403	12.7	2.64	0.245
1.20	38.7	7.29	1.411	28.1	5.14	1.022	20.6	3.82	0.748	13.3	3.10	0.475	11.5	2.88	0.284
1.30	32.3	7.36	1.383	20.3	4.87	0.828	16.8	4.36	0.716	13.1	3.86	0.543	10.1	3.13	0.316
1.40	48.4	11.16	2.401	23.8	5.65	1.179	16.4	5.14	0.808	12.6	4.39	0.611	8.5	3.31	0.334
1.50	26.7	6.63	1.320	18.9	5.56	1.076	15.2	5.08	0.858	11.1	4.42	0.621	7.2	3.38	0.337
1.60	34.1	8.68	2.211	16.6	4.58	1.072	12.1	4.33	0.776	9.6	4.10	0.597	6.4	3.36	0.362
1.70	27.0	7.40	1.976	17.2	4.59	1.255	12.7	3.91	0.921	8.9	3.72	0.623	6.2	3.27	0.374
1.80	23.9	7.40	1.958	15.4	5.08	1.265	11.2	3.82	0.915	7.8	3.42	0.600	5.8	3.14	0.376
1.90	22.3	6.77	2.041	11.2	3.95	1.037	8.5	3.21	0.773	6.6	3.07	0.569	5.4	3.00	0.378
2.00	10.8	3.55	1.092	7.8	2.84	0.792	6.5	2.60	0.656	5.6	2.77	0.539	4.9	2.86	0.383
2.20	5.9	2.63	0.727	4.6	2.15	0.563	4.5	2.21	0.539	5.6	2.38	0.496	4.3	2.62	0.384
2.40	3.8	2.32	0.547	3.3	2.22	0.476	3.3	2.14	0.470	3.3	2.15	0.456	3.8	2.44	0.376
2.60	2.7	2.11	0.461	2.5	2.14	0.422	2.6	2.10	0.421	2.7	2.02	0.412	3.4	2.30	0.363
2.80	2.1	2.11	0.416	2.1	2.10	0.401	2.1	2.08	0.394	2.2	2.02	0.384	3.0	2.21	0.351
3.00	1.5	2.20	0.347	1.5	2.14	0.346	1.6	2.09	0.352	1.8	2.02	0.357	2.7	2.14	0.340
3.20	1.4	2.16	0.359	1.3	2.11	0.331	1.4	2.07	0.330	1.5	2.01	0.340	2.5	2.08	0.330
3.40	1.2	2.02	0.342	1.2	2.02	0.338	1.2	2.01	0.337	1.4	1.98	0.334	2.3	2.04	0.322
3.60	1.2	1.93	0.378	1.1	1.96	0.336	1.1	1.97	0.345	1.2	1.96	0.330	2.1	2.01	0.316
3.80	1.0	1.95	0.350	0.9	1.97	0.336	1.0	1.97	0.327	1.1	1.96	0.319	2.0	1.99	0.309
4.00	0.8	2.03	0.336	0.8	2.01	0.311	0.8	1.99	0.297	1.0	1.96	0.302	1.8	1.97	0.303

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1586 COMPONENT = EAST SIGNAL = GR. ACC. CORRECTION = STATION = AKITA-S
 DATE AND TIME = 1983-06-09-22-04 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 43.28 (GAL)
 TIME LENGTH = 30.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	57.0	0.23	0.004	51.7	0.19	0.003	51.1	0.18	0.003	50.5	0.18	0.003	49.2	0.15	0.003
0.10	47.0	7.55	0.121	211.7	3.11	0.053	155.1	2.24	0.039	107.2	1.51	0.027	66.2	0.79	0.015
0.15	318.5	7.43	0.182	152.0	3.25	0.087	140.8	3.01	0.080	114.9	2.46	0.063	70.9	1.31	0.037
0.20	244.4	7.71	0.248	149.2	4.62	0.150	112.0	3.66	0.112	96.6	2.92	0.095	65.9	1.80	0.061
0.25	262.4	10.46	0.415	136.2	5.71	0.215	123.1	4.95	0.192	97.9	3.88	0.151	56.8	2.23	0.079
0.30	230.2	11.09	0.525	99.2	5.19	0.325	79.6	4.45	0.180	59.5	3.53	0.132	40.8	2.20	0.076
0.35	108.0	5.61	0.353	63.6	3.36	0.197	51.5	2.82	0.158	39.0	2.45	0.118	28.9	2.01	0.084
0.40	113.1	7.24	0.466	60.1	3.87	0.243	51.4	3.23	0.207	38.1	2.71	0.152	31.1	1.87	0.117
0.45	157.5	11.44	0.808	73.5	5.95	0.377	54.5	4.68	0.278	42.6	3.28	0.215	32.1	1.98	0.149
0.50	102.6	7.97	0.650	61.6	4.99	0.590	49.0	4.23	0.308	41.7	3.07	0.258	31.7	1.93	0.177
0.55	98.0	8.69	0.751	51.0	5.09	0.390	45.4	4.29	0.345	40.2	3.06	0.300	30.2	2.08	0.198
0.60	59.8	5.96	0.545	48.8	5.16	0.445	44.2	4.53	0.400	37.6	3.60	0.333	27.8	2.38	0.211
0.65	50.5	6.17	0.637	42.6	5.17	0.455	39.3	4.67	0.418	33.5	3.81	0.349	24.7	2.61	0.214
0.70	109.9	12.03	1.364	54.6	6.47	0.677	37.9	4.67	0.468	29.0	3.99	0.353	21.2	2.76	0.229
0.75	94.2	10.97	1.342	47.6	5.97	0.677	35.3	4.58	0.501	25.0	4.05	0.357	20.0	2.81	0.247
0.80	75.6	9.44	1.225	36.1	5.42	0.584	30.4	4.82	0.489	23.0	4.04	0.393	18.9	2.78	0.261
0.85	63.8	8.64	1.167	31.6	4.85	0.578	28.2	4.46	0.511	23.5	3.79	0.417	17.6	2.68	0.267
0.90	34.6	5.38	0.709	27.7	4.18	0.568	25.2	3.89	0.513	21.0	3.33	0.417	16.1	2.52	0.267
0.95	66.8	9.87	1.528	26.2	4.78	0.597	21.9	4.06	0.496	17.8	3.32	0.393	14.4	2.33	0.259
1.00	23.8	4.00	0.603	18.5	3.87	0.467	15.7	3.66	0.393	14.2	3.16	0.347	12.7	2.30	0.252
1.10	38.4	6.35	1.178	17.4	3.76	0.533	15.6	3.17	0.675	13.8	2.75	0.402	11.2	2.16	0.277
1.20	60.0	11.84	2.187	27.6	5.52	1.007	18.3	3.67	0.666	14.1	3.07	0.506	10.2	2.17	0.332
1.30	35.1	7.50	1.503	20.1	4.51	0.859	17.1	4.08	0.732	13.6	3.42	0.567	10.3	2.28	0.384
1.40	51.0	11.39	2.531	22.4	5.14	1.111	16.8	4.29	0.826	13.7	3.52	0.654	10.2	2.26	0.421
1.50	28.5	7.25	1.623	19.1	5.10	1.088	15.5	4.41	0.878	12.8	3.54	0.696	9.6	2.23	0.437
1.60	28.1	7.12	1.592	15.1	4.32	0.975	13.6	3.72	0.871	11.4	3.19	0.715	8.8	2.22	0.436
1.70	30.3	8.41	2.219	16.1	4.46	1.175	11.7	3.66	0.846	10.0	3.18	0.696	7.9	2.28	0.442
1.80	17.9	5.63	1.470	12.7	4.22	1.044	9.7	3.52	0.790	8.3	3.03	0.645	6.9	2.29	0.434
1.90	11.5	3.46	1.054	8.8	3.46	0.806	7.3	3.29	0.655	6.8	2.96	0.583	6.0	2.25	0.416
2.00	7.9	3.80	0.804	6.9	3.43	0.700	6.5	3.20	0.647	6.1	2.86	0.567	5.4	2.19	0.407
2.20	5.2	2.81	0.635	5.2	2.69	0.631	5.0	2.68	0.606	4.9	2.55	0.546	4.9	2.08	0.410
2.40	4.4	2.69	0.647	4.1	2.58	0.588	3.9	2.48	0.550	3.8	2.34	0.500	4.3	2.11	0.398
2.60	2.9	2.71	0.493	2.7	2.35	0.462	2.7	2.45	0.447	2.9	2.33	0.437	3.7	2.12	0.360
2.80	1.6	2.26	0.321	1.8	2.29	0.358	2.0	2.30	0.375	2.3	2.27	0.386	3.2	2.11	0.360
3.00	1.7	2.21	0.443	1.7	2.18	0.394	1.7	2.21	0.369	1.9	2.21	0.356	2.9	2.10	0.342
3.20	1.7	2.38	0.429	1.5	2.30	0.374	1.4	2.26	0.343	1.6	2.20	0.319	2.5	2.09	0.325
3.40	1.2	2.39	0.365	1.1	2.29	0.312	1.1	2.24	0.291	1.3	2.17	0.289	2.3	2.07	0.312
3.60	1.2	2.10	0.379	1.0	2.11	0.322	0.9	2.11	0.285	1.2	2.10	0.285	2.1	2.05	0.303
3.80	1.0	1.85	0.366	0.9	1.94	0.330	0.9	1.99	0.310	1.1	2.04	0.296	1.9	2.03	0.295
4.00	1.0	1.96	0.419	0.9	1.91	0.360	0.9	1.96	0.327	1.0	2.02	0.298	1.8	2.02	0.289

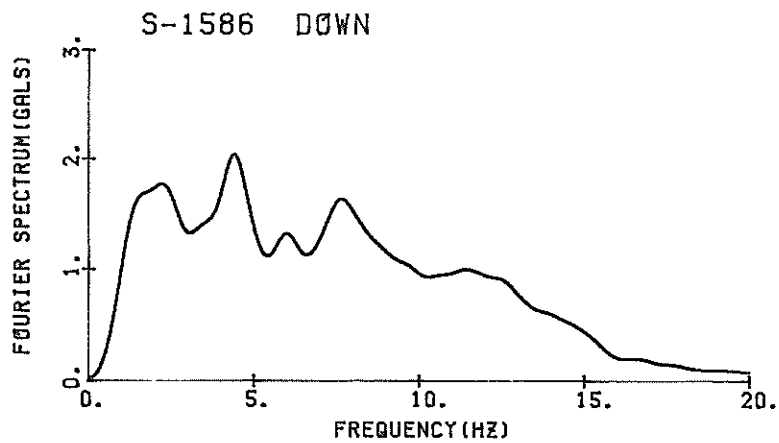
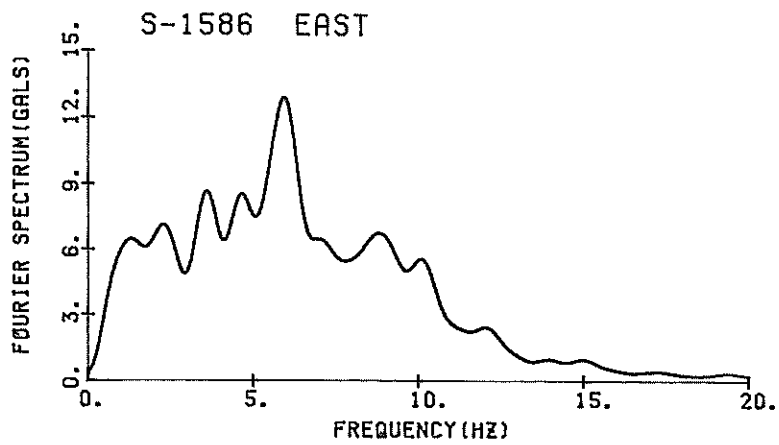
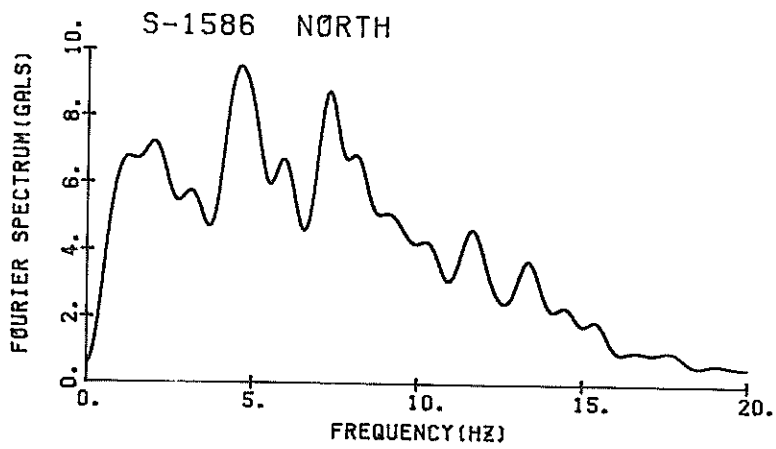
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1586 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = STATION = AKITA-S
 DATE AND TIME = 1983-06-09-22-04 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 5.30 (GAL)
 TIME LENGTH = 30.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

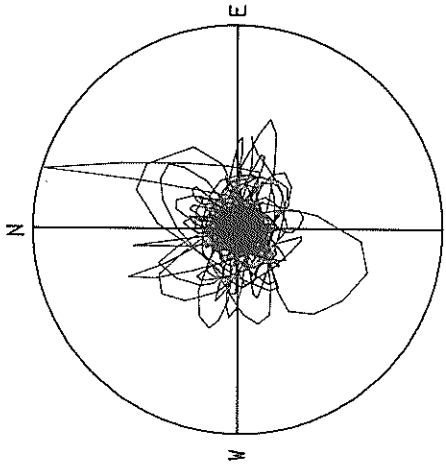
PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	9.3	0.05	0.001	7.9	0.04	0.001	7.9	0.04	0.001	7.8	0.03	0.000	7.3	0.03	0.000
0.10	91.9	1.46	0.023	20.7	0.30	0.005	18.5	0.25	0.005	14.2	0.18	0.004	8.8	0.12	0.002
0.15	67.2	1.57	0.038	17.2	0.44	0.010	14.0	0.36	0.008	11.6	0.27	0.007	8.5	0.17	0.004
0.20	52.8	1.66	0.054	21.4	0.67	0.022	16.0	0.53	0.016	11.4	0.36	0.011	8.1	0.22	0.008
0.25	42.7	1.69	0.068	19.2	0.79	0.030	13.6	0.58	0.021	10.0	0.44	0.015	7.1	0.24	0.010
0.30	39.6	1.85	0.090	12.6	0.65	0.029	9.5	0.50	0.022	6.9	0.37	0.015	5.7	0.26	0.011
0.35	23.6	1.28	0.073	10.7	0.59	0.033	8.7	0.48	0.027	6.7	0.40	0.020	4.6	0.28	0.013
0.40	42.2	2.69	0.171	16.0	0.99	0.065	10.5	0.66	0.042	6.7	0.44	0.027	4.4	0.26	0.016
0.45	22.5	1.62	0.115	12.1	0.85	0.062	8.7	0.62	0.044	6.7	0.42	0.033	4.3	0.27	0.019
0.50	20.6	1.55	0.130	8.9	0.79	0.057	6.6	0.60	0.042	4.9	0.42	0.030	3.7	0.26	0.020
0.55	14.2	1.26	0.109	9.4	0.85	0.072	8.2	0.72	0.062	5.8	0.49	0.043	3.7	0.28	0.026
0.60	22.3	2.15	0.203	8.7	0.85	0.080	7.2	0.68	0.066	5.5	0.52	0.049	3.9	0.30	0.032
0.65	19.0	1.87	0.203	9.4	0.96	0.101	7.3	0.76	0.078	5.6	0.55	0.059	3.9	0.31	0.037
0.70	17.1	1.90	0.212	8.6	0.97	0.104	6.9	0.75	0.085	5.6	0.57	0.067	3.8	0.33	0.040
0.75	14.8	1.78	0.210	8.6	1.10	0.122	6.2	0.78	0.087	5.1	0.56	0.071	3.5	0.35	0.042
0.80	15.0	1.94	0.243	8.6	1.12	0.139	6.4	0.89	0.103	4.5	0.61	0.071	3.2	0.38	0.043
0.85	10.1	1.39	0.184	7.7	1.04	0.141	6.2	0.88	0.112	4.3	0.65	0.077	2.8	0.40	0.042
0.90	7.4	1.11	0.152	6.0	1.03	0.124	5.1	0.88	0.103	3.6	0.66	0.073	2.4	0.41	0.040
0.95	9.5	1.59	0.218	5.2	0.89	0.118	4.4	0.76	0.100	3.3	0.60	0.075	2.4	0.41	0.041
1.00	8.0	1.26	0.204	4.0	0.64	0.101	3.6	0.61	0.090	2.9	0.52	0.072	1.9	0.41	0.041
1.10	5.8	0.98	0.178	3.0	0.59	0.091	2.5	0.51	0.077	2.1	0.46	0.062	1.6	0.39	0.042
1.20	4.1	0.85	0.148	2.7	0.56	0.099	2.2	0.49	0.081	1.6	0.42	0.056	1.4	0.37	0.042
1.30	2.8	0.72	0.121	2.1	0.51	0.091	1.7	0.44	0.072	1.4	0.39	0.056	1.2	0.35	0.043
1.40	2.9	0.83	0.145	2.0	0.56	0.098	1.5	0.45	0.075	1.2	0.37	0.057	1.1	0.32	0.042
1.50	2.2	0.64	0.127	1.3	0.40	0.072	1.0	0.37	0.056	0.9	0.34	0.046	0.9	0.30	0.040
1.60	1.2	0.45	0.080	0.7	0.34	0.047	0.7	0.31	0.043	0.7	0.30	0.039	0.8	0.28	0.038
1.70	0.8	0.35	0.060	0.6	0.28	0.034	0.5	0.28	0.034	0.6	0.28	0.037	0.7	0.27	0.037
1.80	0.8	0.35	0.065	0.6	0.29	0.046	0.5	0.28	0.044	0.5	0.28	0.039	0.6	0.27	0.036
1.90	1.3	0.56	0.118	0.8	0.37	0.057	0.5	0.31	0.045	0.5	0.28	0.038	0.6	0.26	0.035
2.00	0.7	0.39	0.074	0.5	0.32	0.052	0.4	0.28	0.042	0.4	0.27	0.037	0.5	0.26	0.034
2.20	0.5	0.31	0.057	0.3	0.29	0.039	0.3	0.27	0.037	0.3	0.25	0.034	0.4	0.25	0.032
2.40	0.3	0.29	0.048	0.3	0.26	0.042	0.3	0.25	0.031	0.3	0.24	0.031	0.4	0.24	0.031
2.60	0.3	0.25	0.059	0.2	0.24	0.039	0.2	0.24	0.034	0.2	0.24	0.031	0.3	0.24	0.030
2.80	0.2	0.28	0.048	0.2	0.25	0.038	0.2	0.24	0.034	0.2	0.24	0.029	0.3	0.24	0.030
3.00	0.2	0.27	0.045	0.2	0.24	0.040	0.2	0.24	0.036	0.2	0.23	0.030	0.3	0.23	0.029
3.20	0.2	0.29	0.046	0.2	0.25	0.038	0.1	0.24	0.035	0.2	0.23	0.030	0.2	0.23	0.029
3.40	0.1	0.28	0.042	0.1	0.26	0.039	0.1	0.25	0.036	0.1	0.24	0.031	0.2	0.23	0.029
3.60	0.2	0.26	0.059	0.1	0.25	0.039	0.1	0.24	0.036	0.1	0.24	0.031	0.2	0.23	0.029
3.80	0.2	0.25	0.061	0.1	0.25	0.041	0.1	0.24	0.036	0.1	0.24	0.030	0.2	0.23	0.028
4.00	0.1	0.26	0.051	0.1	0.25	0.039	0.1	0.24	0.035	0.1	0.24	0.033	0.2	0.23	0.028

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



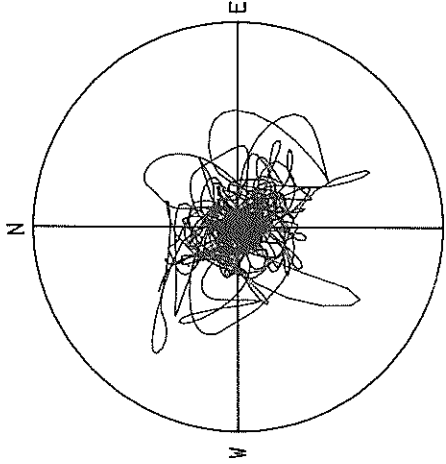
FOURIER SPECTRA

S-1586 AKITA-S



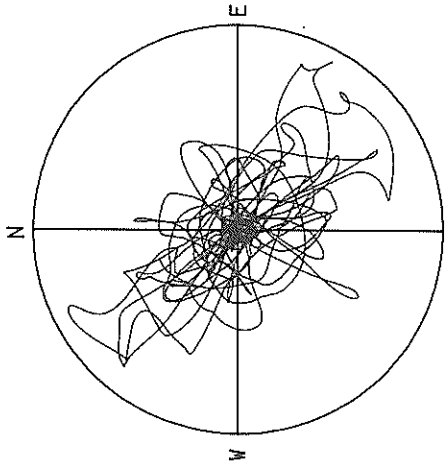
ACCELERATION
R=80.0 GAL
MAX=79.2 GAL

S-1586 AKITA-S



VELOCITY
R=3.0 CM/SEC.
MAX=2.2 CM/SEC.

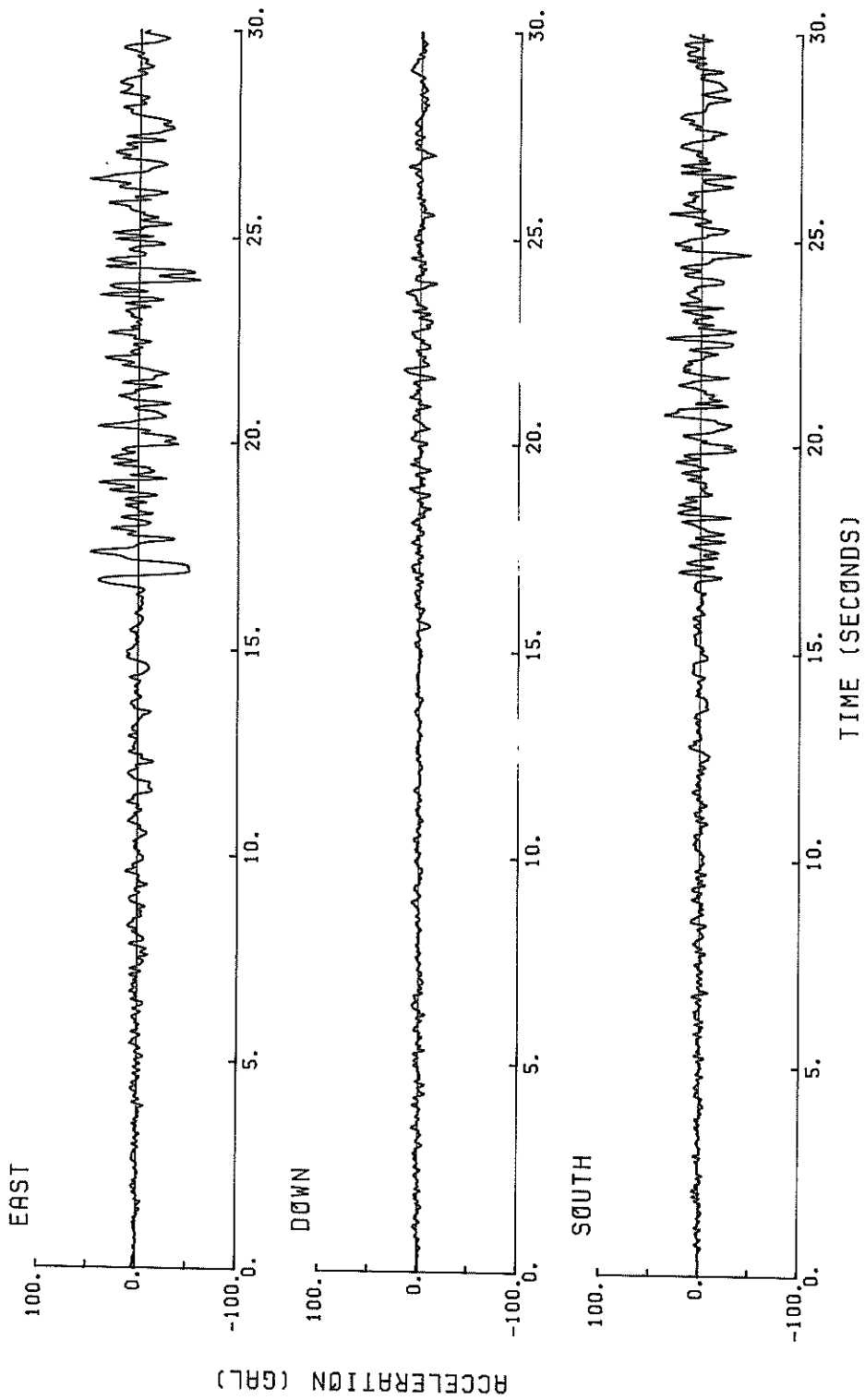
S-1586 AKITA-S



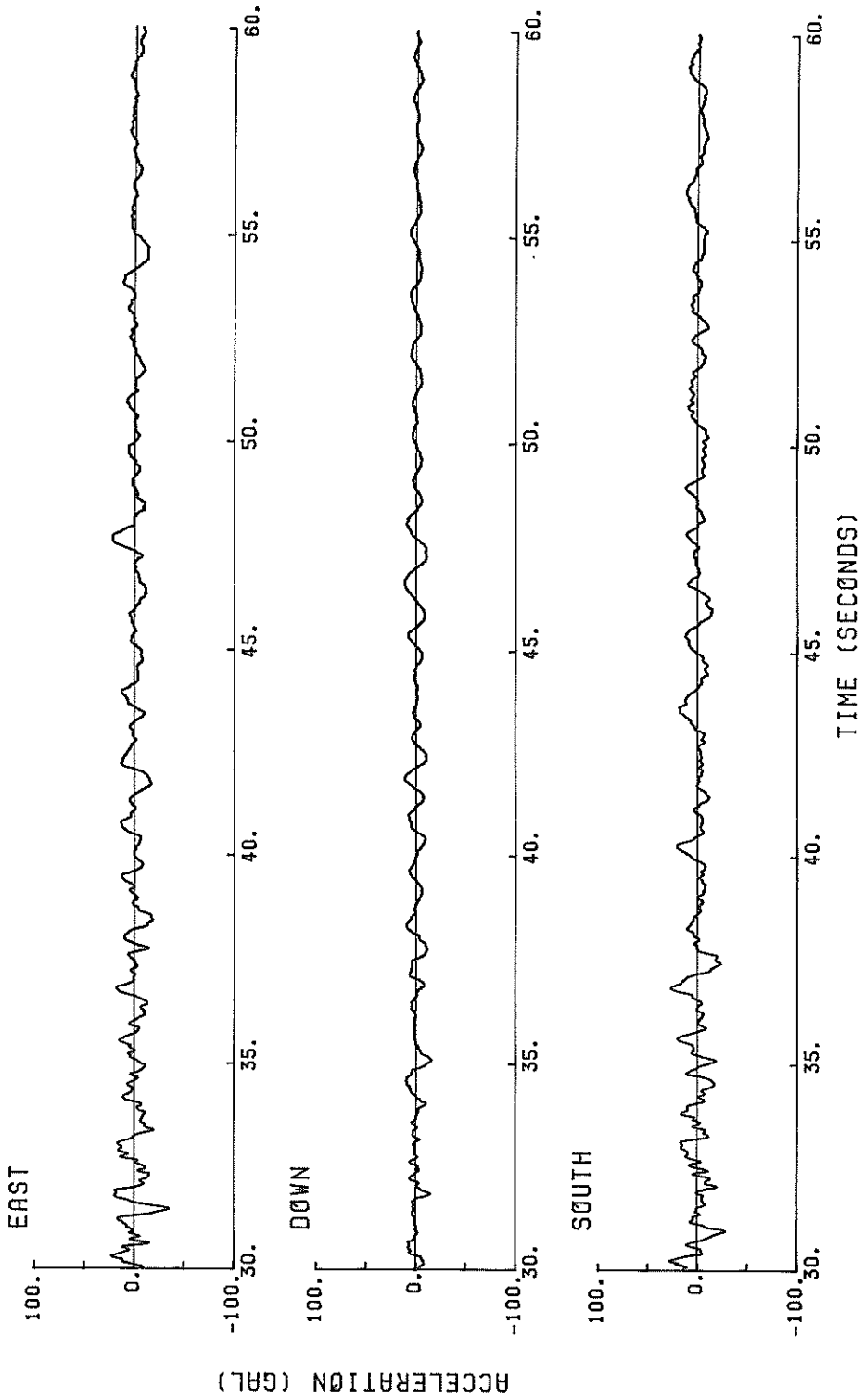
DISPLACEMENT
R=0.30 CM
MAX=0.28 CM

LOCI OF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

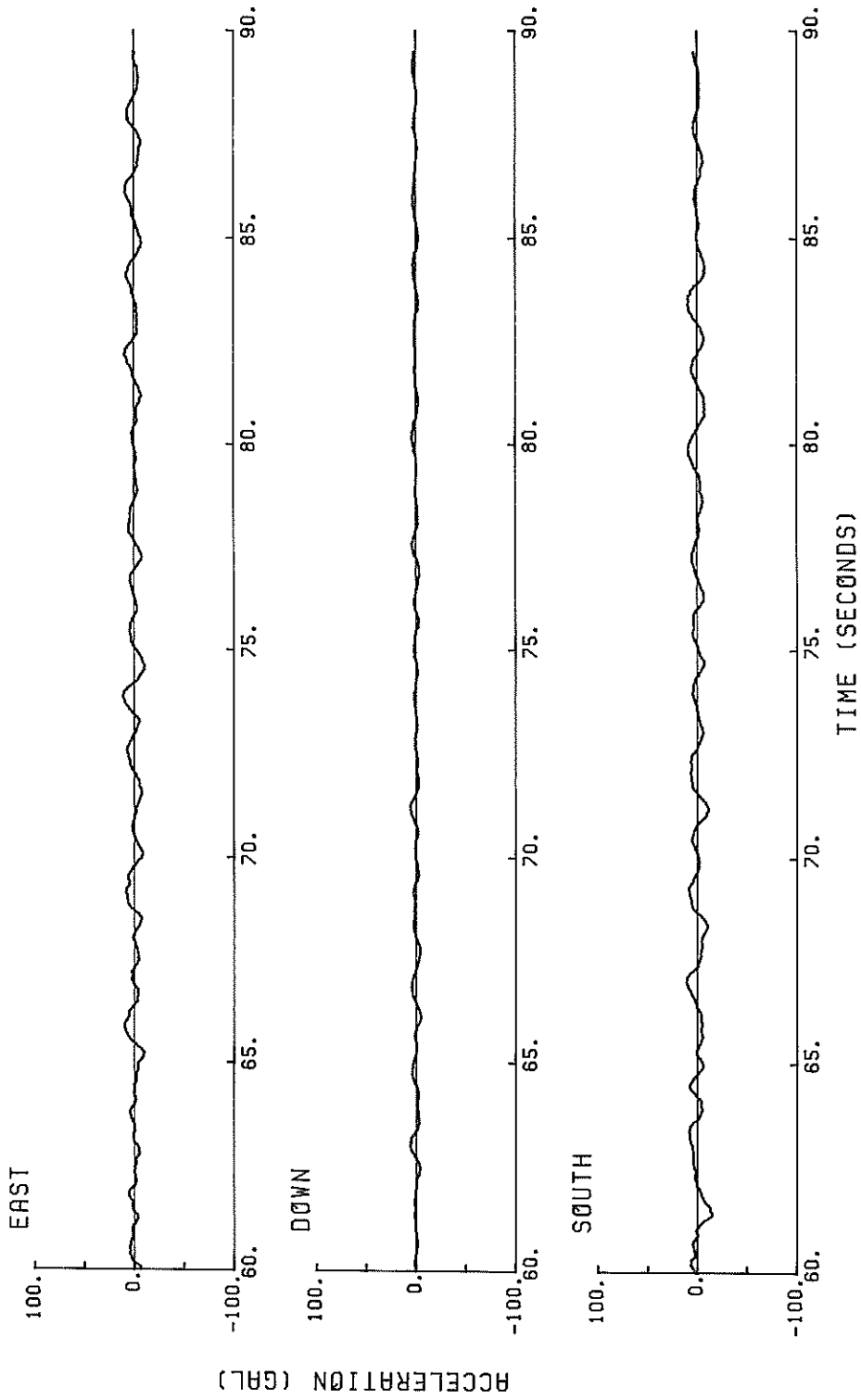
S-1592 AOMORI-S



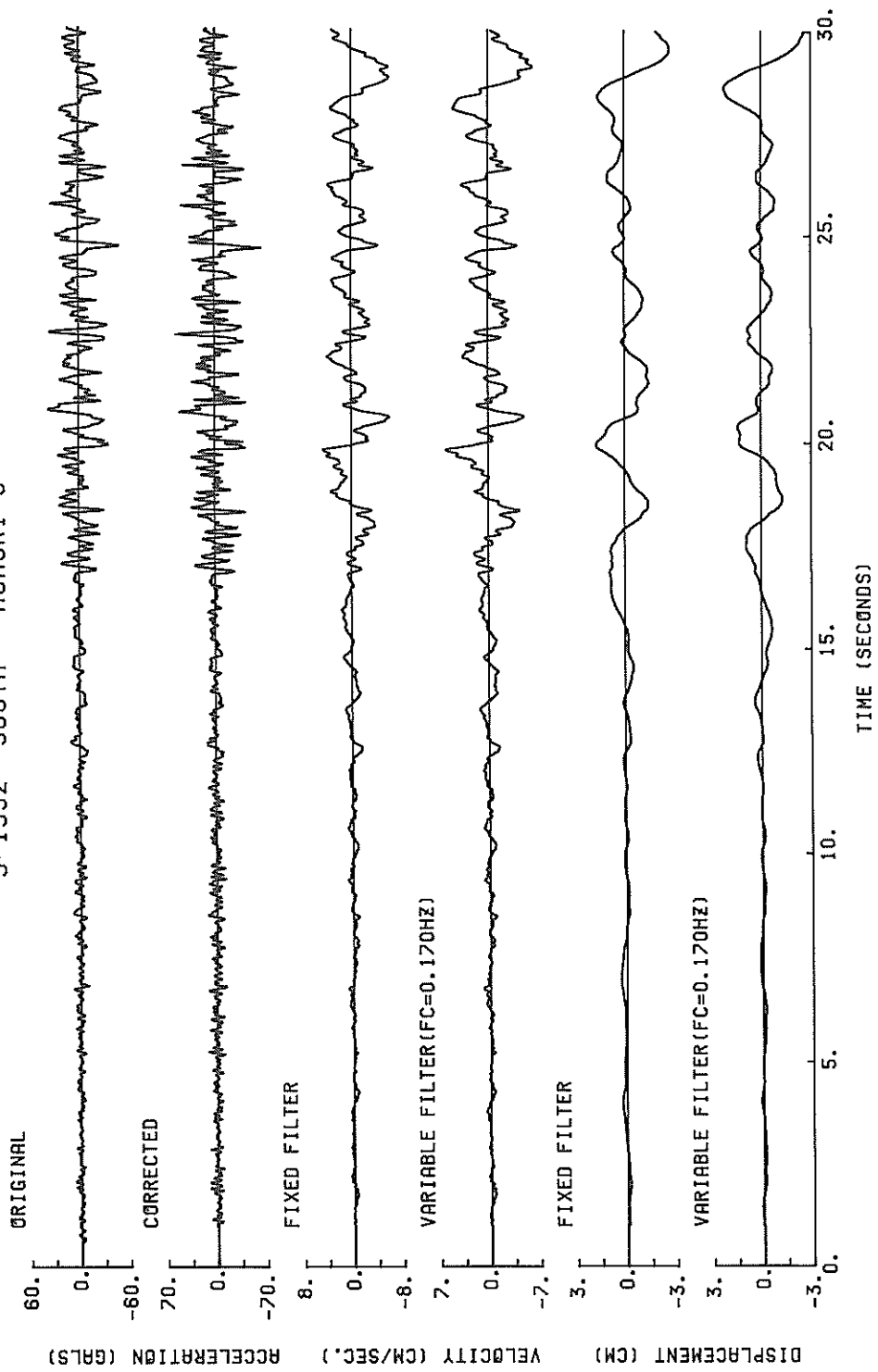
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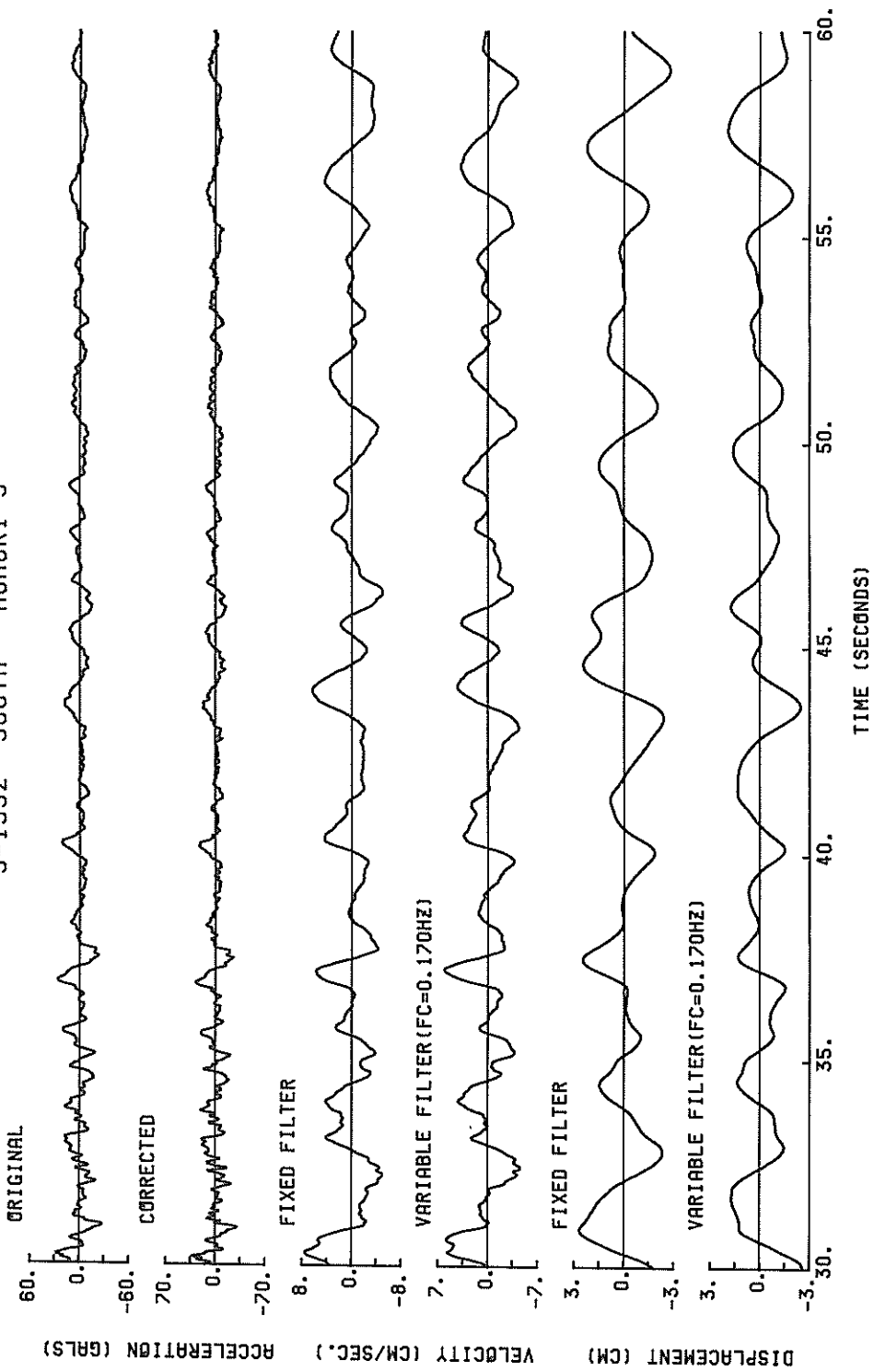
S-1592 AOMORI-S



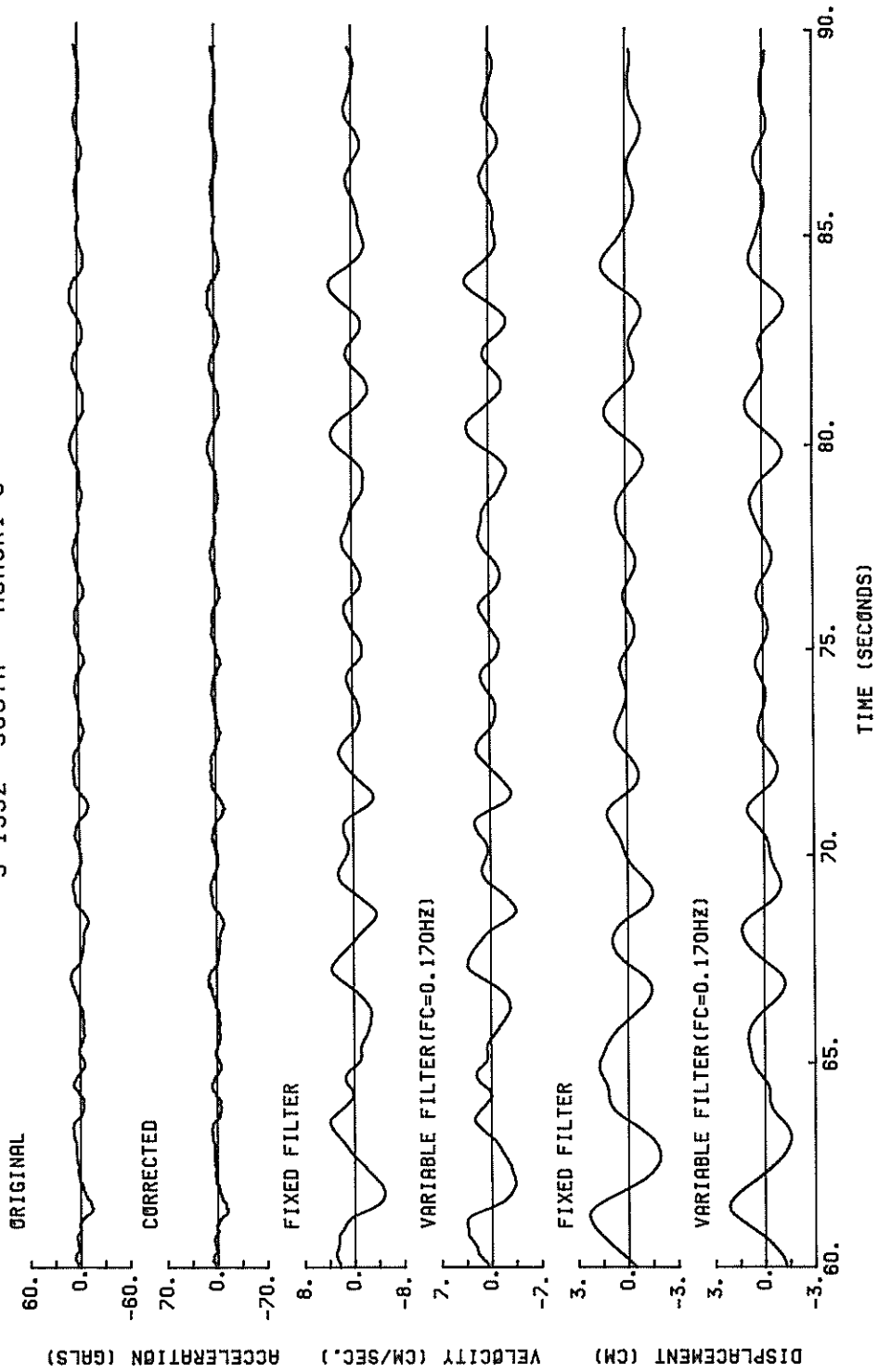
S-1592 SOUTH AQMORI-S



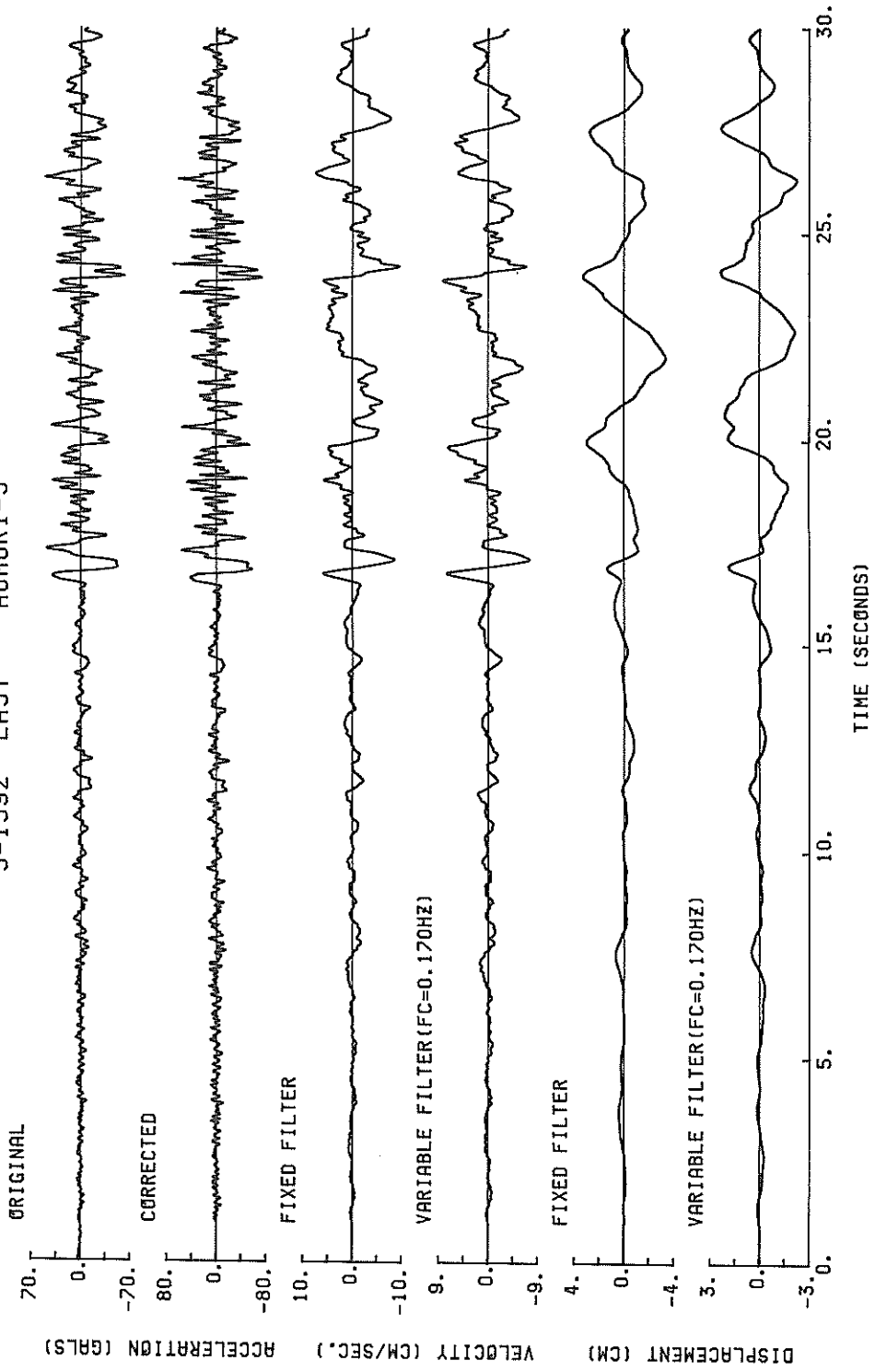
S-1592 SOUTH AOMORI-S



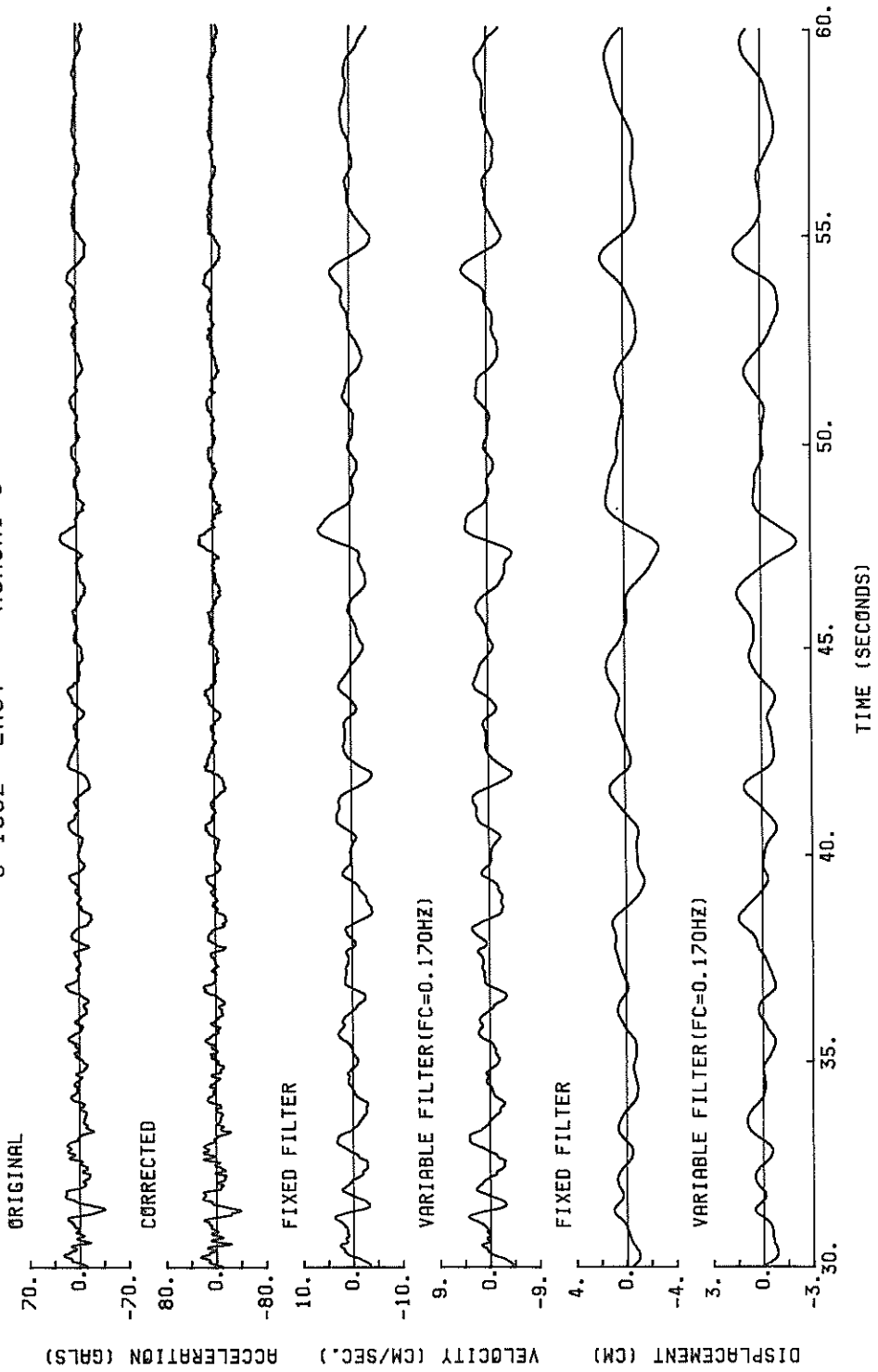
S-1592 SOUTH ADMORI-S



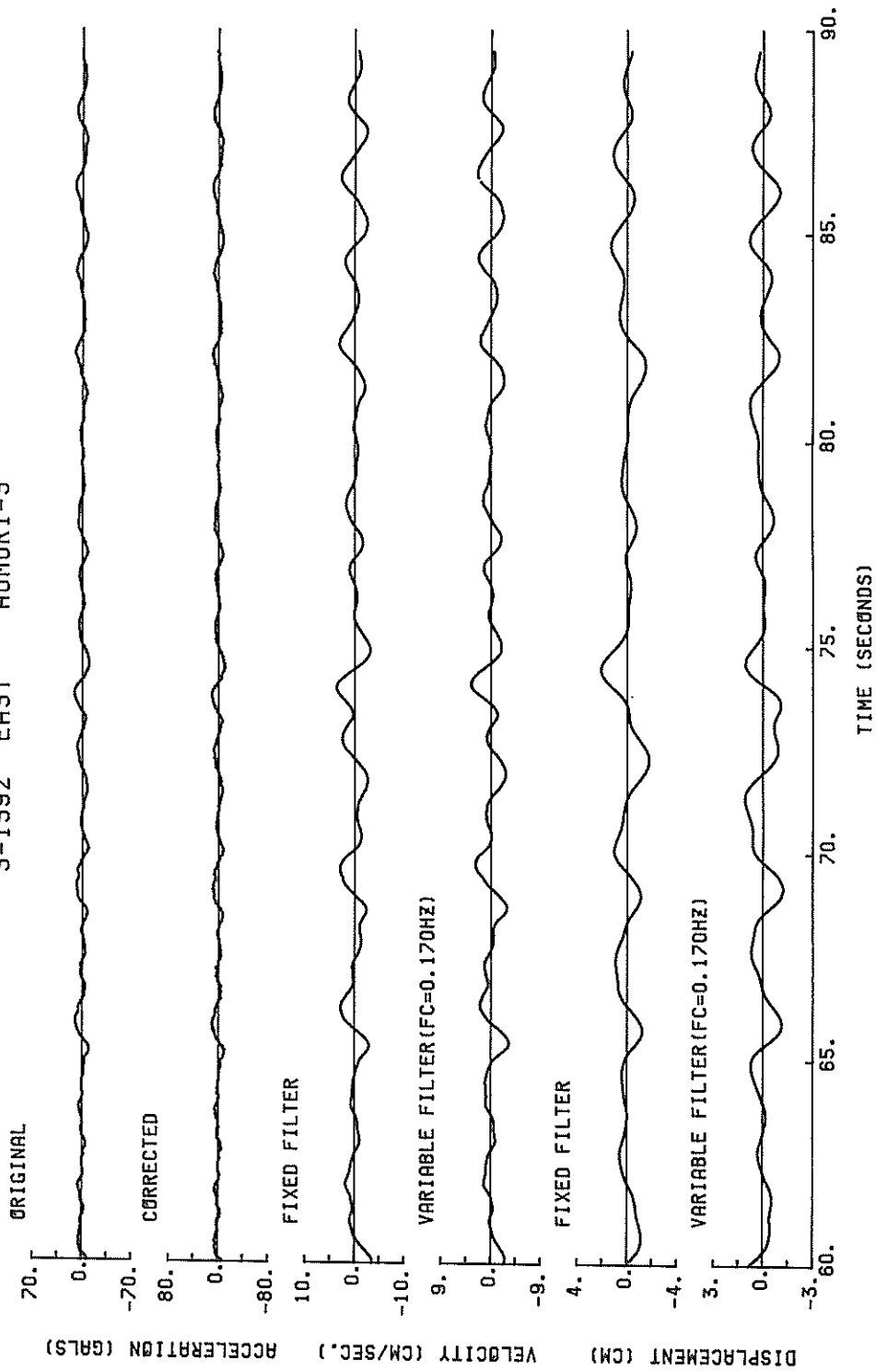
S-1592 EAST AOMORI-S



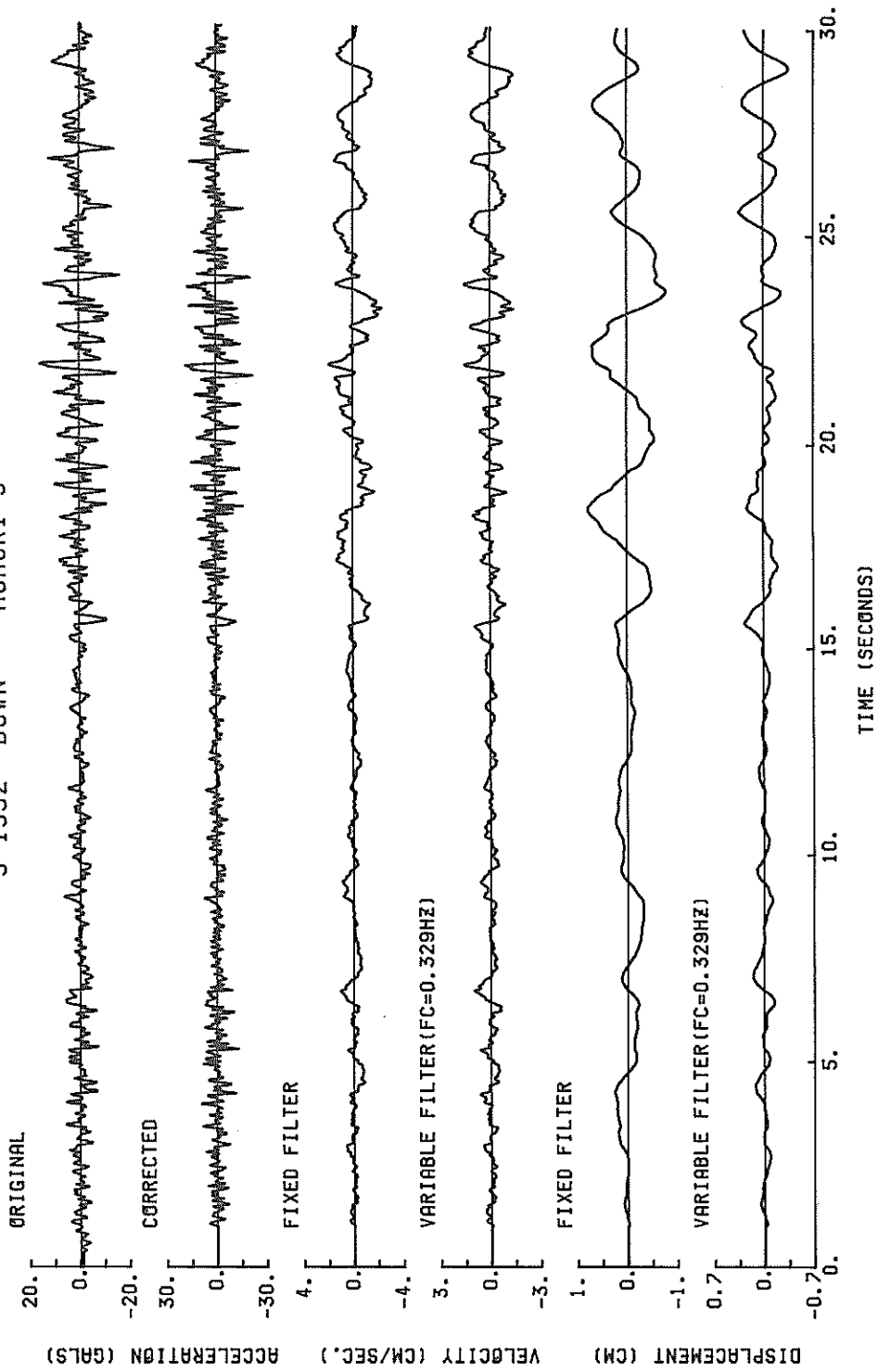
S-1592 EAST AOMORI-S



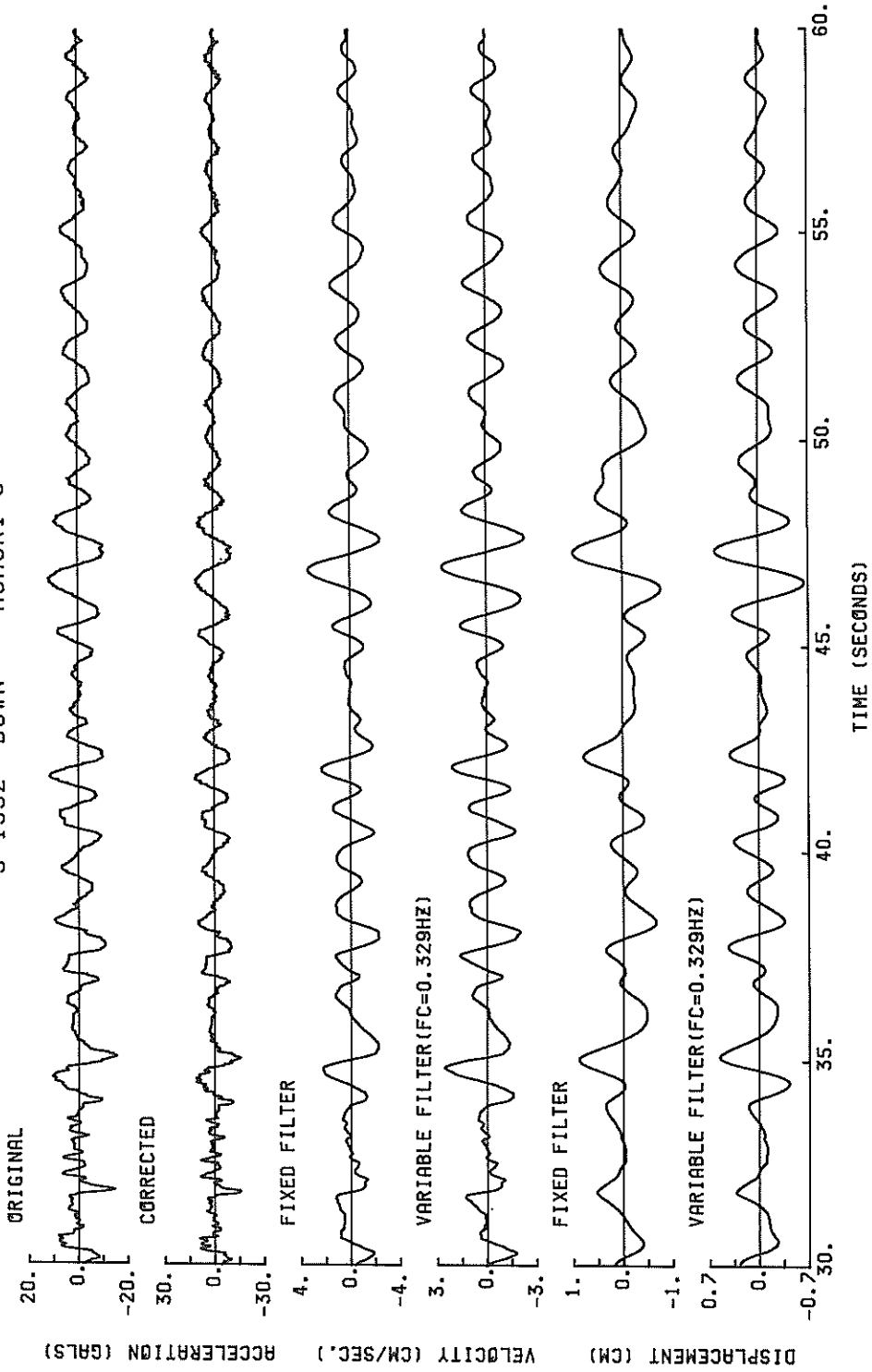
S-1592 EAST AOMORI-S



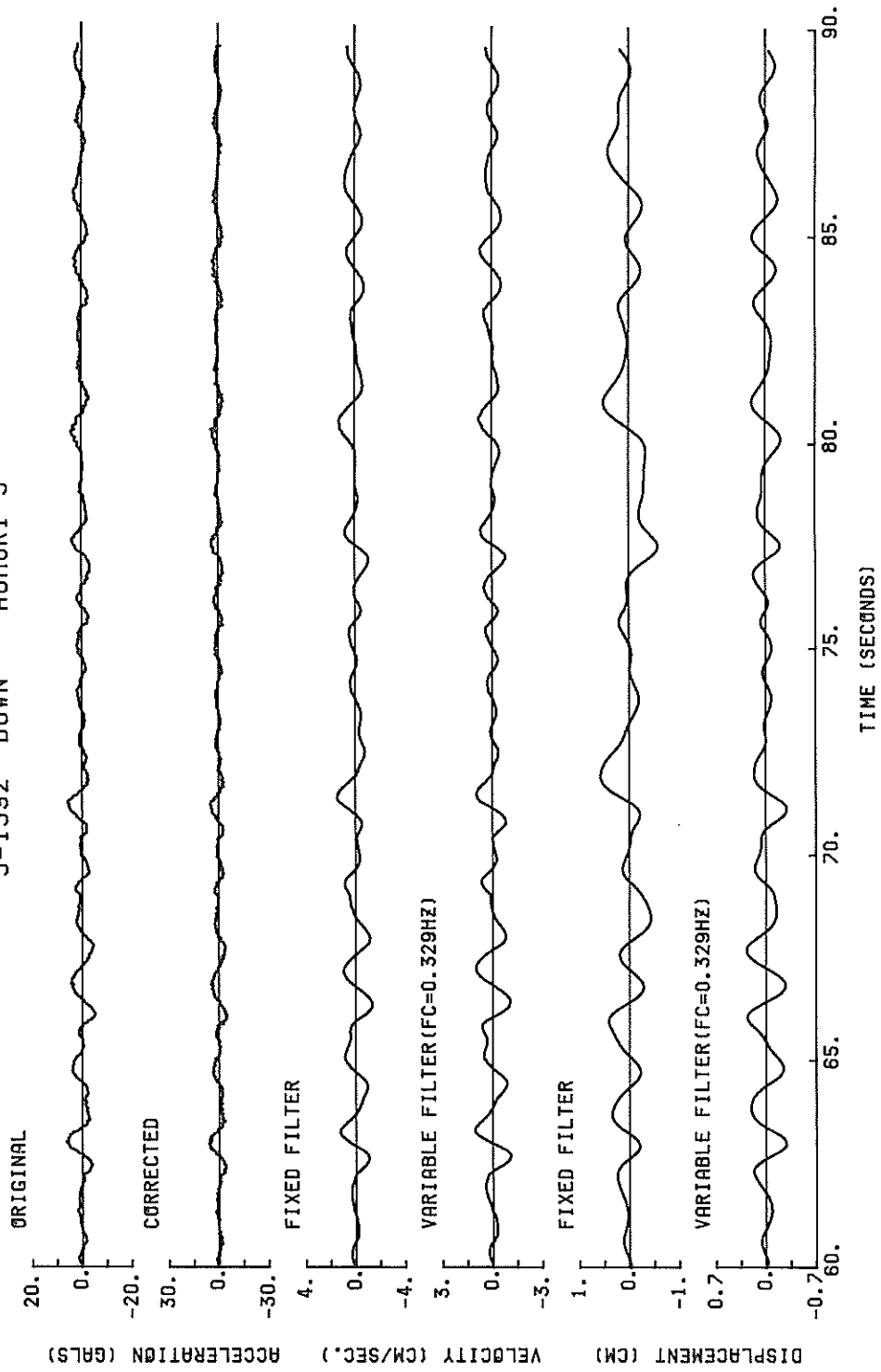
S-1592 DOWN AOMORI-S



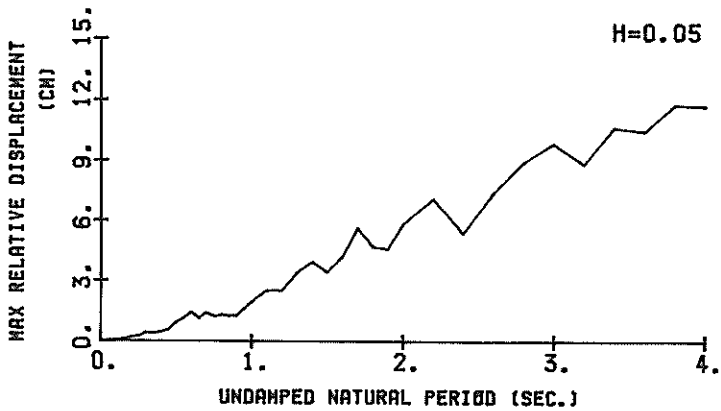
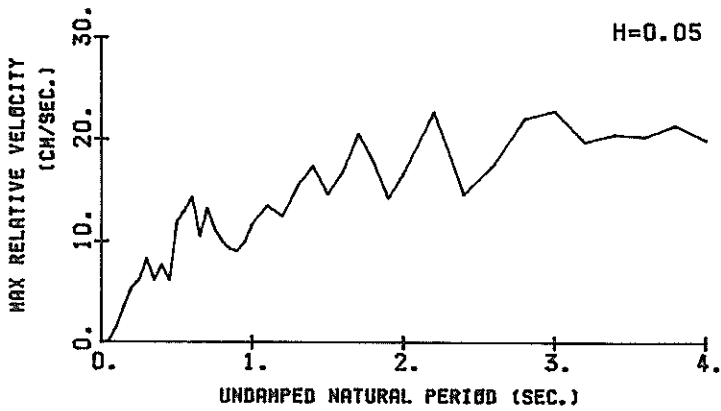
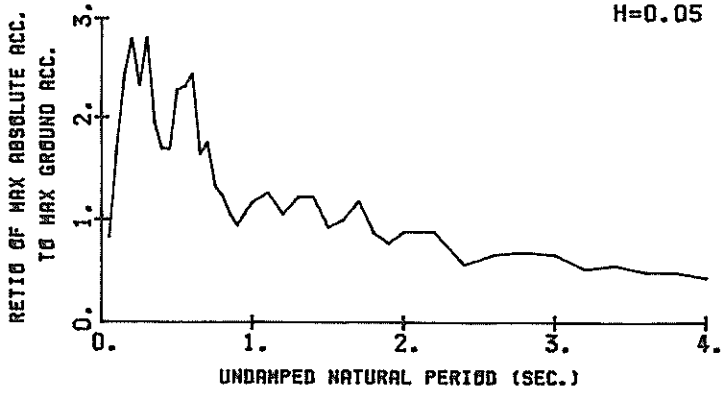
S-1592 DOWN AQMORI-S



S-1592 DOWN AOMORI-S

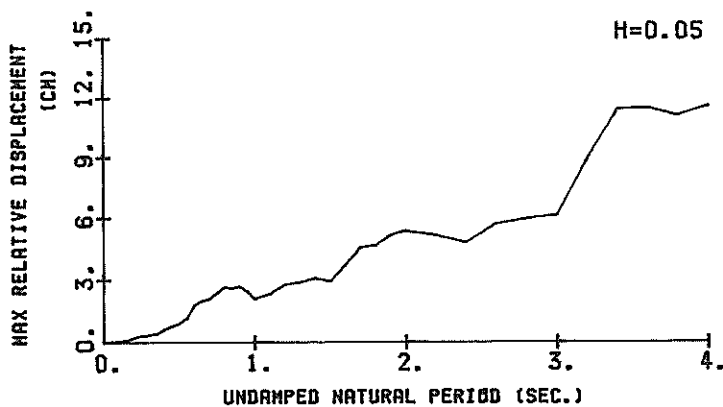
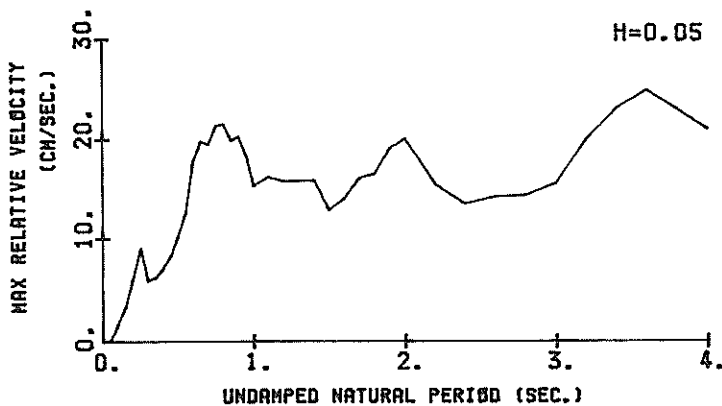
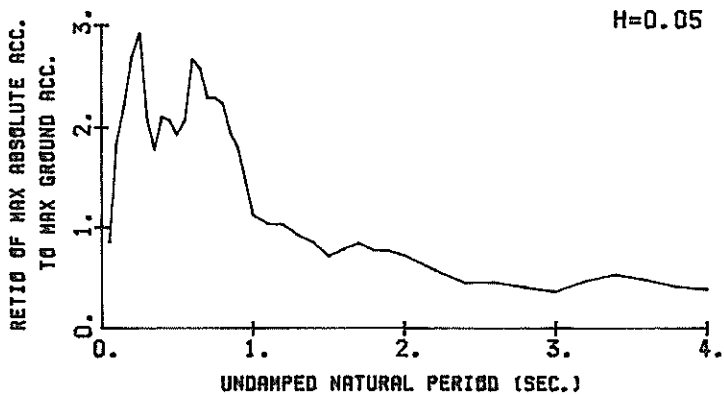


S-1592 SOUTH AOMORI-S
(1/FC=5.87 SEC.)



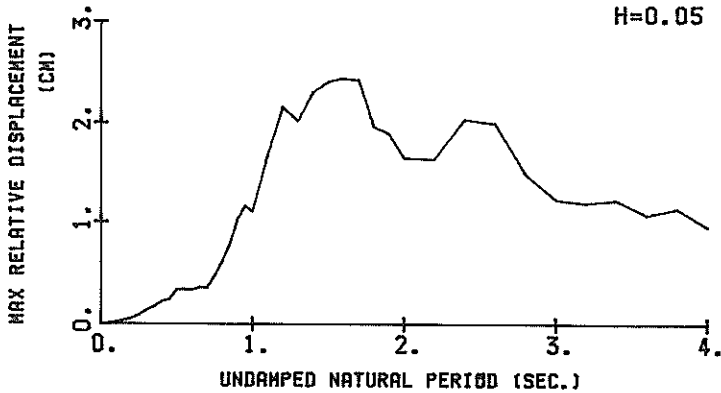
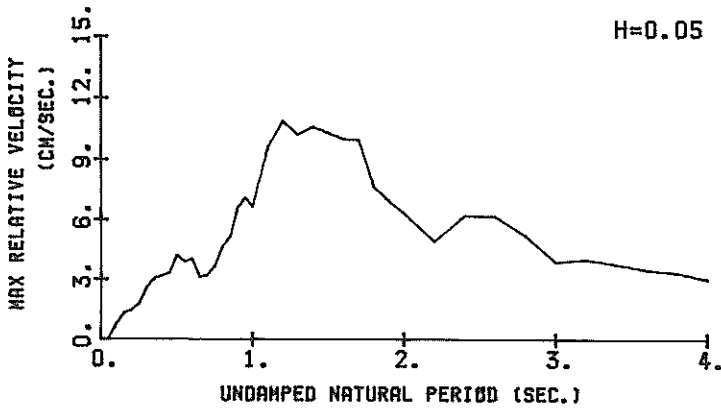
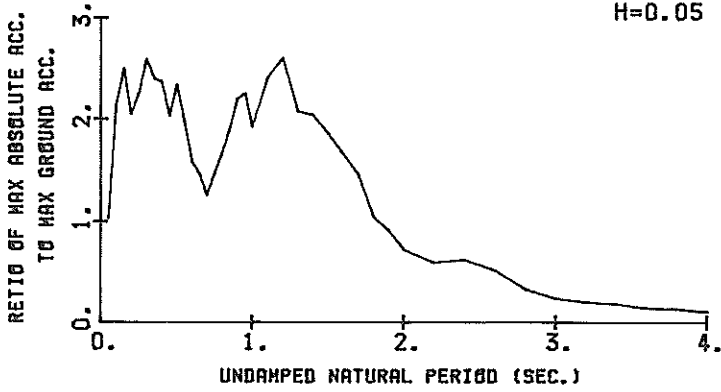
RESPONSE SPECTRA

S-1592 EAST AOMORI-S
(1/FC=5.88 SEC.)



RESPONSE SPECTRA

S-1592 DOWN AOMORI-S
(1/FC=3.04 SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = S-1592 COMPONENT = SOUTH SIGNAL = GR. ACC. CORRECTION = STATION = AOMORI-S
 DATE AND TIME = 1983-06-21-15-26 SAMPRING INTERVAL = 0.01000(SEC) MAX.GROUND ACC. = 65.52 (GAL)
 TIME LENGTH = 89.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	70.9	0.32	0.004	54.2	0.14	0.003	55.1	0.14	0.003	55.0	0.14	0.003	54.4	0.14	0.003	54.4	0.14	0.003		
0.10	404.8	6.22	0.103	136.2	1.90	0.034	109.9	1.52	0.028	91.7	1.12	0.023	75.6	0.77	0.019	75.6	0.77	0.019		
0.15	686.2	16.01	0.391	208.7	4.63	0.118	159.8	3.59	0.090	114.2	2.65	0.063	75.9	1.46	0.041	75.9	1.46	0.041		
0.20	886.2	21.27	0.695	258.9	7.53	0.261	183.3	5.37	0.183	121.5	3.50	0.120	77.0	2.01	0.072	77.0	2.01	0.072		
0.25	229.8	9.51	0.364	201.3	7.86	0.317	152.2	6.25	0.240	128.5	4.49	0.200	83.2	2.72	0.120	83.2	2.72	0.120		
0.30	685.6	32.55	1.563	235.0	11.04	0.537	183.9	8.35	0.415	138.5	5.95	0.310	84.0	3.29	0.174	84.0	3.29	0.174		
0.35	281.1	13.70	0.810	139.2	7.55	0.435	127.5	6.19	0.393	109.8	5.55	0.333	73.4	3.57	0.200	73.4	3.57	0.200		
0.40	298.4	18.59	1.209	140.4	9.23	0.568	111.4	7.75	0.449	82.0	5.77	0.326	58.5	3.63	0.218	58.5	3.63	0.218		
0.45	227.7	15.60	1.168	132.6	7.70	0.679	111.0	6.20	0.567	89.4	5.41	0.451	64.3	4.15	0.302	64.3	4.15	0.302		
0.50	358.9	28.09	2.273	185.4	14.47	1.174	149.1	11.96	0.941	111.5	8.95	0.695	67.2	5.05	0.392	67.2	5.05	0.392		
0.55	399.9	34.59	3.064	193.7	16.38	1.483	151.4	13.11	1.154	113.3	9.70	0.854	66.5	5.26	0.470	66.5	5.26	0.470		
0.60	555.2	52.85	5.065	320.3	21.30	2.117	159.5	16.40	1.647	104.4	9.24	0.932	63.6	5.42	0.521	63.6	5.42	0.521		
0.65	134.8	15.96	1.657	120.8	13.12	1.290	107.5	10.57	1.144	89.6	9.21	0.938	59.1	5.37	0.543	59.1	5.37	0.543		
0.70	321.3	35.73	3.988	157.1	17.67	1.947	114.9	13.30	1.420	77.6	9.67	0.944	50.1	5.51	0.573	50.1	5.51	0.573		
0.75	188.1	20.96	2.680	112.0	11.88	1.594	86.7	11.23	1.230	65.0	8.90	0.907	50.3	5.44	0.566	50.3	5.44	0.566		
0.80	332.8	41.74	5.394	108.7	12.93	1.762	81.2	10.13	1.309	55.9	7.92	0.891	44.9	5.40	0.584	44.9	5.40	0.584		
0.85	180.5	21.24	2.937	89.7	12.33	1.641	69.2	9.36	1.261	50.1	7.70	0.899	39.5	5.46	0.658	39.5	5.46	0.658		
0.90	182.9	25.28	3.753	88.4	10.87	1.607	62.0	9.12	1.264	49.7	7.17	0.998	38.9	5.41	0.750	38.9	5.41	0.750		
0.95	141.0	20.92	3.223	86.6	12.15	1.979	70.6	10.07	1.608	52.0	7.73	1.178	40.0	5.31	0.856	40.0	5.31	0.856		
1.00	144.8	22.46	3.667	94.6	14.31	2.594	77.2	11.85	1.947	57.5	8.63	1.437	41.0	5.40	0.970	41.0	5.40	0.970		
1.10	385.0	66.42	11.801	119.3	20.27	3.652	82.8	13.65	2.526	61.1	9.38	1.840	42.5	5.74	1.188	42.5	5.74	1.188		
1.20	196.7	37.07	7.175	102.4	19.26	3.729	69.3	12.58	2.513	56.1	9.21	2.005	42.3	6.42	1.375	42.3	6.42	1.375		
1.30	170.0	33.42	7.278	92.5	18.47	3.957	80.2	15.54	3.414	62.1	11.21	2.604	40.5	7.08	1.525	40.5	7.08	1.525		
1.40	286.9	62.94	14.241	103.2	22.72	5.116	80.2	17.45	3.961	59.2	12.52	2.877	37.3	7.40	1.620	37.3	7.40	1.620		
1.50	129.4	30.20	7.373	80.3	18.93	4.570	60.8	14.74	3.445	48.7	12.00	2.715	33.2	7.53	1.658	33.2	7.53	1.658		
1.60	259.3	65.71	16.811	82.8	21.71	5.380	65.7	16.98	4.241	47.6	11.64	3.031	29.3	7.58	1.856	29.3	7.58	1.856		
1.70	205.0	54.74	15.008	109.4	28.86	8.002	77.9	20.95	5.671	48.6	11.85	3.486	25.7	7.52	1.850	25.7	7.52	1.850		
1.80	273.4	78.34	22.439	87.4	25.64	7.167	58.0	17.90	4.673	40.1	11.87	3.209	25.1	7.31	1.793	25.1	7.31	1.793		
1.90	115.6	34.78	10.570	67.9	20.38	6.198	50.6	14.59	4.607	38.0	11.19	3.424	24.7	7.11	1.993	24.7	7.11	1.993		
2.00	153.5	49.43	15.551	70.2	20.73	7.099	58.1	16.76	5.859	41.7	12.31	4.128	24.0	8.12	2.285	24.0	8.12	2.285		
2.20	69.54	69.39	23.951	76.6	28.63	9.383	58.4	22.67	7.122	40.8	16.31	4.879	26.0	9.64	2.848	26.0	9.64	2.848		
2.40	60.1	22.98	8.773	59.0	17.25	5.691	37.1	14.73	5.392	31.4	14.42	4.677	25.6	10.17	3.218	25.6	10.17	3.218		
2.60	147.7	61.69	25.283	63.2	25.47	10.808	43.5	17.62	7.408	30.1	14.63	5.041	24.1	9.99	3.509	24.1	9.99	3.509		
2.80	98.2	45.44	19.500	60.9	29.59	12.069	45.2	22.00	8.940	31.4	14.46	6.114	22.1	9.54	3.817	22.1	9.54	3.817		
3.00	123.5	60.14	28.155	59.3	30.50	13.488	43.6	22.82	9.882	29.7	15.49	6.621	19.7	8.85	4.039	19.7	8.85	4.039		
3.20	76.0	38.97	19.704	43.0	23.07	11.150	34.4	19.74	8.857	26.5	14.78	6.713	18.5	9.31	4.172	18.5	9.31	4.172		
3.40	95.2	54.28	27.865	50.2	28.39	14.666	36.7	20.50	10.693	23.8	14.09	6.805	17.2	9.42	4.247	17.2	9.42	4.247		
3.60	89.5	54.65	29.379	49.2	28.73	16.129	32.1	20.52	10.477	21.2	13.62	6.789	15.8	9.66	4.270	15.8	9.66	4.270		
3.80	87.0	53.95	31.837	49.1	31.25	17.923	33.4	21.43	11.796	20.9	13.35	7.492	14.4	9.78	4.224	14.4	9.78	4.224		
4.00	56.1	37.22	22.729	38.7	25.94	15.480	29.1	20.00	11.732	19.5	13.72	7.739	13.0	9.78	4.114	13.0	9.78	4.114		

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1592 COMPONENT = EAST SIGNAL = GR. ACC. CORRECTION = STATION = AOMORI-S
 DATE AND TIME = 1983-06-21-15-26 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 73.73 (GAL)
 TIME LENGTH = 89.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	91.3	0.42	0.006	64.1	0.13	0.004	63.6	0.13	0.004	62.6	0.13	0.004	61.5	0.12	0.004	60.4	0.12	0.004		
0.10	440.4	6.86	0.112	152.3	2.02	0.059	135.6	1.71	0.034	120.7	1.40	0.030	100.6	0.90	0.024	89.4	0.90	0.024		
0.15	648.4	14.85	0.370	225.1	4.85	0.128	165.2	3.42	0.093	133.5	2.30	0.075	97.0	1.53	0.053	86.4	1.53	0.053		
0.20	1073.1	33.44	1.089	272.7	7.59	0.199	198.4	6.14	0.149	151.7	4.54	0.119	110.6	2.74	0.102	107.3	2.74	0.102		
0.25	430.1	17.36	0.681	270.3	11.15	0.426	215.6	9.05	0.271	173.7	6.65	0.271	119.7	3.80	0.175	107.3	3.80	0.175		
0.30	356.7	15.62	0.813	191.4	7.45	0.435	155.1	5.85	0.340	130.4	4.66	0.292	106.3	3.42	0.221	106.3	3.42	0.221		
0.35	270.8	14.52	0.840	150.6	7.76	0.466	131.2	6.20	0.405	120.7	4.39	0.370	97.1	3.62	0.283	97.1	3.62	0.283		
0.40	583.0	36.78	2.363	169.0	8.30	0.683	155.6	7.05	0.629	134.6	6.00	0.539	101.3	4.32	0.385	101.3	4.32	0.385		
0.45	194.0	14.44	0.995	165.5	9.51	0.847	153.2	8.32	0.783	134.9	6.94	0.683	102.5	5.13	0.493	102.5	5.13	0.493		
0.50	361.0	27.03	2.286	152.3	11.11	0.863	142.5	10.23	0.898	131.5	8.69	0.822	102.6	5.80	0.609	102.6	5.80	0.609		
0.55	292.0	25.01	2.238	182.1	16.00	1.394	153.0	12.67	1.168	133.6	10.46	1.010	102.4	6.58	0.734	102.4	6.58	0.734		
0.60	970.5	92.42	8.850	261.2	24.18	2.377	197.0	17.69	1.789	150.2	12.31	1.347	101.5	7.30	0.860	101.5	7.30	0.860		
0.65	788.9	80.69	8.443	283.1	29.67	3.024	189.8	19.78	2.022	149.4	13.96	1.568	99.3	7.91	0.978	99.3	7.91	0.978		
0.70	513.4	56.34	6.373	206.3	22.21	2.559	169.4	19.52	2.092	141.8	15.58	1.722	96.3	8.83	1.088	96.3	8.83	1.088		
0.75	728.7	86.87	10.383	240.2	29.63	3.418	169.3	21.37	2.599	135.8	10.81	1.896	92.7	9.81	1.188	92.7	9.81	1.188		
0.80	568.2	71.67	9.179	256.1	32.86	4.145	165.6	21.53	2.671	128.1	16.85	2.035	88.8	10.52	1.278	88.8	10.52	1.278		
0.85	197.0	26.94	3.606	158.9	22.03	2.904	143.8	19.84	2.619	117.4	16.81	2.104	84.2	10.97	1.353	84.2	10.97	1.353		
0.90	338.1	48.81	6.936	154.7	22.95	3.170	133.0	20.31	2.711	105.4	16.76	2.115	79.3	11.18	1.412	79.3	11.18	1.412		
0.95	288.6	40.36	6.139	121.5	20.18	2.772	107.9	18.26	2.451	91.1	15.89	2.028	74.3	11.20	1.461	74.3	11.20	1.461		
1.00	160.8	25.49	4.073	100.6	16.92	2.545	83.6	15.28	2.102	78.3	14.86	1.924	69.6	11.10	1.504	69.6	11.10	1.504		
1.10	173.5	29.51	5.318	93.4	18.16	2.858	77.2	16.37	2.349	70.2	14.30	2.100	61.2	10.64	1.585	61.2	10.64	1.585		
1.20	432.5	82.00	15.777	121.1	22.35	4.410	76.7	15.78	2.780	65.4	13.25	2.523	53.7	10.15	1.645	53.7	10.15	1.645		
1.30	208.5	42.36	8.624	83.6	16.95	3.576	68.4	15.34	2.902	57.3	13.80	2.375	47.1	10.37	1.661	47.1	10.37	1.661		
1.40	162.5	36.88	8.069	90.5	21.87	4.487	63.1	15.90	3.115	45.5	13.30	2.190	41.9	10.35	1.634	41.9	10.35	1.634		
1.50	155.7	36.49	8.874	59.6	16.54	3.960	52.4	12.90	2.975	39.5	11.83	2.195	37.3	10.15	1.627	37.3	10.15	1.627		
1.60	164.1	41.72	10.641	82.0	19.90	5.313	58.2	14.12	3.755	38.0	11.15	2.411	33.8	9.88	1.682	33.8	9.88	1.682		
1.70	168.5	45.66	12.332	87.8	22.83	6.420	62.8	16.16	4.578	39.8	10.68	2.855	31.5	9.57	1.912	31.5	9.57	1.912		
1.80	187.2	53.60	15.367	73.8	21.15	6.044	57.4	16.34	4.683	43.1	11.69	3.460	30.4	9.28	2.130	30.4	9.28	2.130		
1.90	179.9	53.96	16.450	76.4	24.43	6.973	57.0	19.12	5.191	43.1	13.00	3.856	29.8	9.27	2.310	29.8	9.27	2.310		
2.00	148.9	47.99	13.091	75.7	25.65	7.656	53.6	20.88	5.400	40.2	13.93	3.982	28.7	9.50	2.448	28.7	9.50	2.448		
2.20	115.5	41.87	16.159	58.7	22.57	7.186	42.7	15.31	5.198	33.3	11.96	3.965	25.9	9.94	2.640	25.9	9.94	2.640		
2.40	72.3	28.35	10.550	44.3	17.60	6.452	33.2	13.54	4.827	26.1	11.68	3.725	23.4	10.42	3.003	23.4	10.42	3.003		
2.60	97.9	41.48	16.760	49.2	20.96	8.413	33.7	14.29	5.741	23.6	11.87	3.949	21.6	10.98	3.267	21.6	10.98	3.267		
2.80	57.0	27.17	11.329	37.1	17.75	7.352	30.2	15.62	5.970	22.6	12.59	4.382	20.3	11.68	3.267	20.3	11.68	3.267		
3.00	44.3	22.20	10.098	29.6	17.20	6.727	27.1	15.61	6.162	23.5	13.83	5.214	19.1	12.51	3.576	19.1	12.51	3.576		
3.20	74.0	39.82	15.183	44.5	24.63	11.469	28.6	20.04	8.921	26.7	16.58	6.798	17.7	13.33	3.893	17.7	13.33	3.893		
3.40	75.9	43.15	23.219	48.6	27.51	14.217	39.2	23.15	11.389	28.2	18.77	7.992	15.8	13.97	4.053	15.8	13.97	4.053		
3.60	87.7	49.77	23.774	42.6	28.85	13.967	35.2	25.00	11.481	25.2	19.47	8.045	14.6	14.31	3.964	14.6	14.31	3.964		
3.80	46.9	31.00	17.173	36.2	26.49	13.197	30.6	23.10	11.097	22.7	18.92	8.076	12.9	14.29	4.075	12.9	14.29	4.075		
4.00	43.0	28.94	17.424	34.6	24.41	14.000	28.8	21.12	11.566	21.2	17.67	8.368	12.7	13.97	4.265	12.7	13.97	4.265		

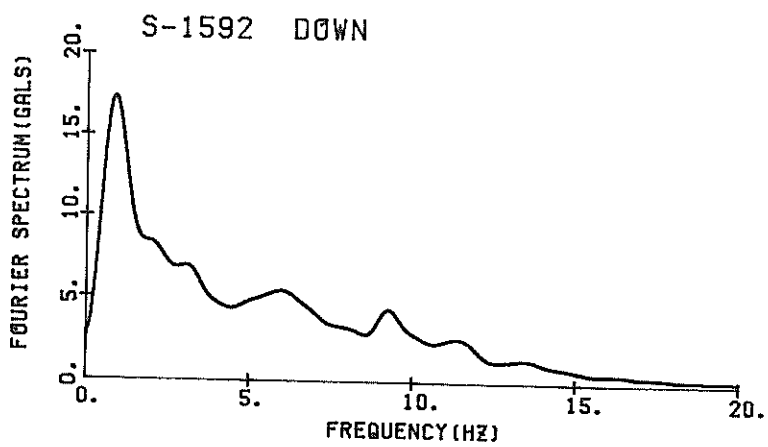
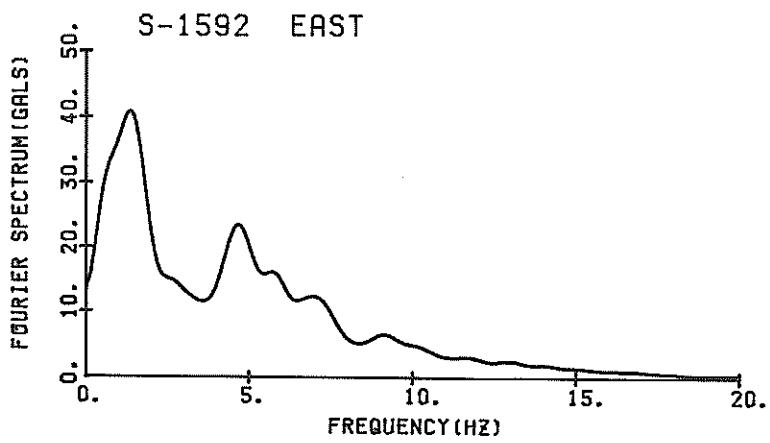
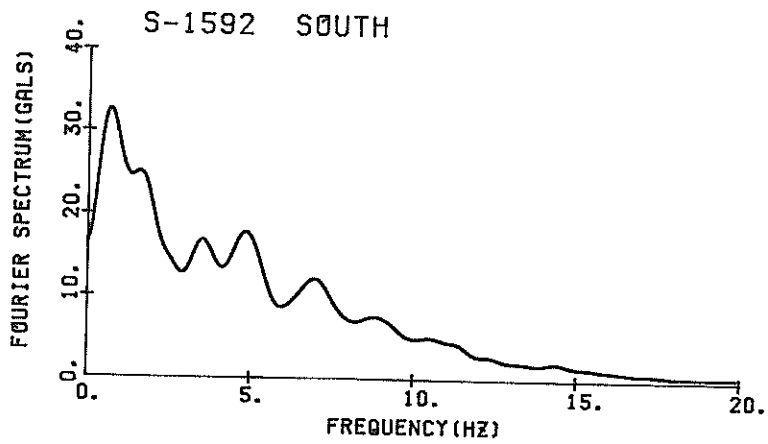
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1592 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = STATION = AMORI-Z-S
 DATE AND TIME = 1983-06-21-15-26 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 22.85 (GAL)
 TIME LENGTH = 89.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

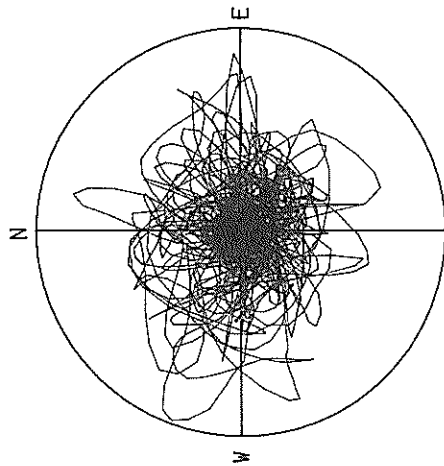
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	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	34.1	0.21	0.002	24.2	0.07	0.002	23.9	0.06	0.002	24.0	0.06	0.002	24.0	0.06	0.002	24.2	0.05	0.002		
0.10	163.1	2.47	0.041	60.5	0.91	0.015	48.7	0.73	0.012	36.5	0.52	0.009	36.5	0.52	0.009	27.9	0.32	0.007		
0.15	308.3	7.22	0.176	74.0	1.65	0.042	56.8	1.28	0.032	45.1	1.02	0.025	45.1	1.02	0.025	29.4	0.70	0.016		
0.20	460.1	5.06	0.162	64.2	1.96	0.065	46.7	1.45	0.047	39.4	1.11	0.040	39.4	1.11	0.040	30.6	0.59	0.029		
0.25	599.0	5.36	0.220	59.2	2.30	0.093	51.5	1.77	0.081	44.7	1.41	0.070	44.7	1.41	0.070	31.1	0.95	0.046		
0.30	147.0	6.84	0.335	60.0	2.64	0.137	59.1	2.58	0.134	48.3	2.22	0.108	48.3	2.22	0.108	32.6	1.36	0.070		
0.35	99.6	5.38	0.309	57.8	3.09	0.179	54.6	3.05	0.169	45.0	2.83	0.137	45.0	2.83	0.137	31.9	1.60	0.091		
0.40	134.7	8.29	0.546	75.8	4.48	0.307	54.0	3.19	0.218	37.9	2.44	0.150	37.9	2.44	0.150	28.9	1.58	0.104		
0.45	131.2	9.04	0.673	60.4	4.35	0.310	46.3	3.33	0.237	35.6	2.42	0.180	35.6	2.42	0.180	25.7	1.50	0.113		
0.50	154.4	11.85	0.978	77.7	6.10	0.492	53.5	4.23	0.355	35.1	2.68	0.216	35.1	2.68	0.216	23.7	1.55	0.128		
0.55	83.8	7.07	0.642	55.7	4.89	0.426	44.7	3.86	0.340	32.7	2.67	0.243	32.7	2.67	0.243	22.0	1.71	0.141		
0.60	163.5	15.53	1.491	51.4	5.56	0.468	36.2	4.05	0.328	26.0	2.89	0.230	26.0	2.89	0.230	19.4	1.81	0.167		
0.65	109.8	11.24	1.176	46.3	4.54	0.495	33.5	3.13	0.357	23.7	2.40	0.250	23.7	2.40	0.250	19.5	1.85	0.197		
0.70	65.6	7.32	0.814	32.9	3.74	0.408	28.8	3.20	0.355	20.5	2.48	0.285	20.5	2.48	0.285	20.0	1.95	0.233		
0.75	97.5	10.80	1.389	45.9	4.78	0.653	33.7	3.69	0.479	21.9	2.72	0.350	21.9	2.72	0.350	20.8	2.16	0.276		
0.80	188.9	23.61	3.063	56.1	6.93	0.908	38.1	4.65	0.615	21.6	3.42	0.442	21.6	3.42	0.442	21.7	2.39	0.325		
0.85	130.8	16.98	2.394	55.7	6.87	1.019	45.8	5.16	0.798	31.3	3.88	0.565	31.3	3.88	0.565	22.5	2.55	0.376		
0.90	131.0	18.58	2.687	74.9	10.24	1.536	50.2	6.58	1.025	35.2	4.35	0.710	35.2	4.35	0.710	23.0	2.62	0.426		
0.95	136.7	20.10	3.126	65.8	9.42	1.502	51.4	7.11	1.170	35.7	4.90	0.804	35.7	4.90	0.804	23.2	2.80	0.475		
1.00	119.7	18.79	3.033	61.2	9.36	1.549	44.0	6.67	1.108	36.2	5.38	0.900	36.2	5.38	0.900	23.1	3.02	0.521		
1.10	99.1	16.22	3.038	67.6	11.37	2.071	54.8	9.58	1.672	38.8	6.58	1.167	38.8	6.58	1.167	21.8	3.29	0.597		
1.20	203.7	38.77	7.430	91.8	17.33	3.346	59.3	10.86	2.155	37.9	6.78	1.361	37.9	6.78	1.361	21.9	3.57	0.740		
1.30	91.0	10.69	3.896	67.2	14.50	2.872	47.4	10.19	2.019	30.6	7.19	1.540	30.6	7.19	1.540	22.2	3.75	0.866		
1.40	99.8	23.20	4.957	58.5	12.94	2.902	46.6	10.59	2.300	35.9	7.73	1.746	35.9	7.73	1.746	21.6	4.13	0.965		
1.50	76.3	18.24	4.350	46.7	11.70	2.661	42.5	10.28	2.408	33.0	7.81	1.843	33.0	7.81	1.843	20.4	4.38	1.036		
1.60	88.1	22.52	5.715	42.7	11.21	2.768	37.9	9.98	2.442	29.2	7.84	1.847	29.2	7.84	1.847	18.9	4.42	1.080		
1.70	103.9	28.26	7.605	44.3	12.72	3.238	33.3	9.97	2.425	25.0	7.44	1.789	25.0	7.44	1.789	17.2	4.42	1.097		
1.80	88.6	25.54	7.272	31.9	9.87	2.614	24.0	7.66	1.959	20.1	6.68	1.611	20.1	6.68	1.611	15.5	4.31	1.093		
1.90	84.2	25.60	7.702	27.1	9.17	2.473	20.8	7.52	1.889	16.3	5.68	1.451	16.3	5.68	1.451	13.9	4.24	1.079		
2.00	56.9	18.30	5.765	22.1	7.94	2.240	16.4	6.54	1.651	14.1	5.21	1.392	14.1	5.21	1.392	12.5	4.17	1.063		
2.20	24.2	8.96	2.971	16.2	5.97	1.983	13.4	4.91	1.659	11.3	4.76	1.340	11.3	4.76	1.340	10.3	4.07	1.033		
2.40	43.8	17.45	6.388	18.5	7.57	2.698	14.1	6.21	2.036	10.6	5.24	1.491	10.6	5.24	1.491	8.5	4.01	0.988		
2.60	13.9	7.53	2.382	13.7	6.77	2.348	11.7	6.17	1.991	9.1	5.12	1.494	9.1	5.12	1.494	7.5	3.88	1.010		
2.80	11.3	6.19	2.252	8.4	5.80	1.661	7.6	5.21	1.483	6.9	4.43	1.303	6.9	4.43	1.303	6.6	3.66	0.994		
3.00	11.5	6.72	2.627	6.7	4.63	1.519	5.5	3.86	1.231	5.0	3.95	1.067	5.0	3.95	1.067	5.7	3.44	0.956		
3.20	10.2	6.34	2.634	8.5	4.84	1.650	4.7	4.02	1.192	4.2	3.74	1.014	4.2	3.74	1.014	5.0	3.44	0.956		
3.40	8.5	5.59	2.418	5.6	4.02	1.622	4.3	3.79	1.226	3.4	3.59	0.919	3.4	3.59	0.919	4.4	3.27	0.879		
3.60	5.3	5.43	1.799	4.0	4.15	1.309	3.3	3.50	1.076	2.9	3.39	0.853	2.9	3.39	0.853	4.0	3.20	0.849		
3.80	5.0	4.40	1.826	3.8	3.60	1.370	3.2	3.36	1.139	2.5	3.27	0.849	2.5	3.27	0.849	3.6	3.15	0.826		
4.00	3.5	3.69	1.430	2.7	3.05	1.071	2.5	3.03	0.962	2.2	3.17	0.810	2.2	3.17	0.810	3.3	3.10	0.810		

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



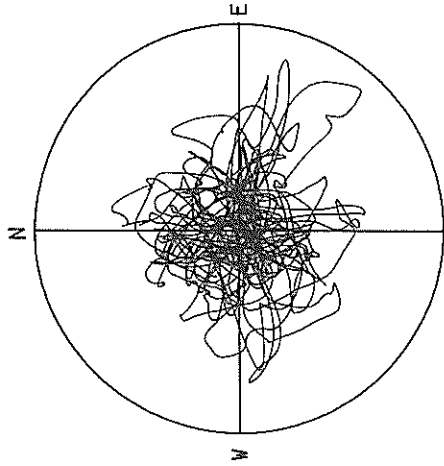
FOURIER SPECTRA

S-1592 ADMORI-S



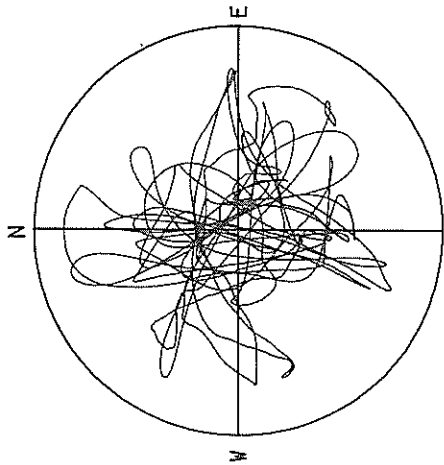
ACCELERATION
R=80.0 GAL
MAX=78.7 GAL

S-1592 ADMORI-S



VELOCITY
R=10.0 CM/SEC.
MAX=9.1 CM/SEC.

S-1592 ADMORI-S



DISPLACEMENT
R=3.00 CM
MAX=2.57 CM

LOCI OF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

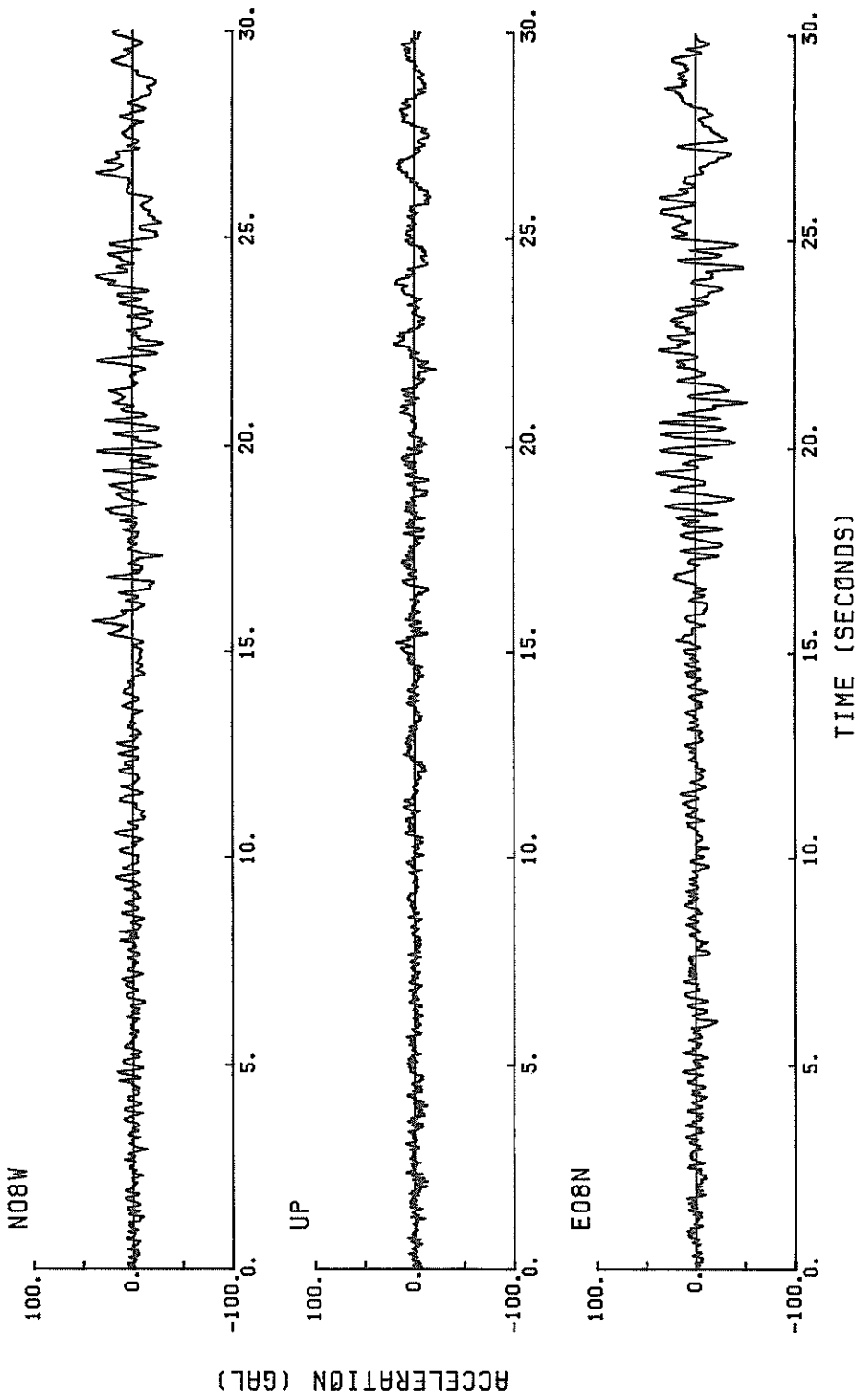
RECORD NUMBER M-639
 STATION HAKODATE-M

EARTHQUAKE DATA

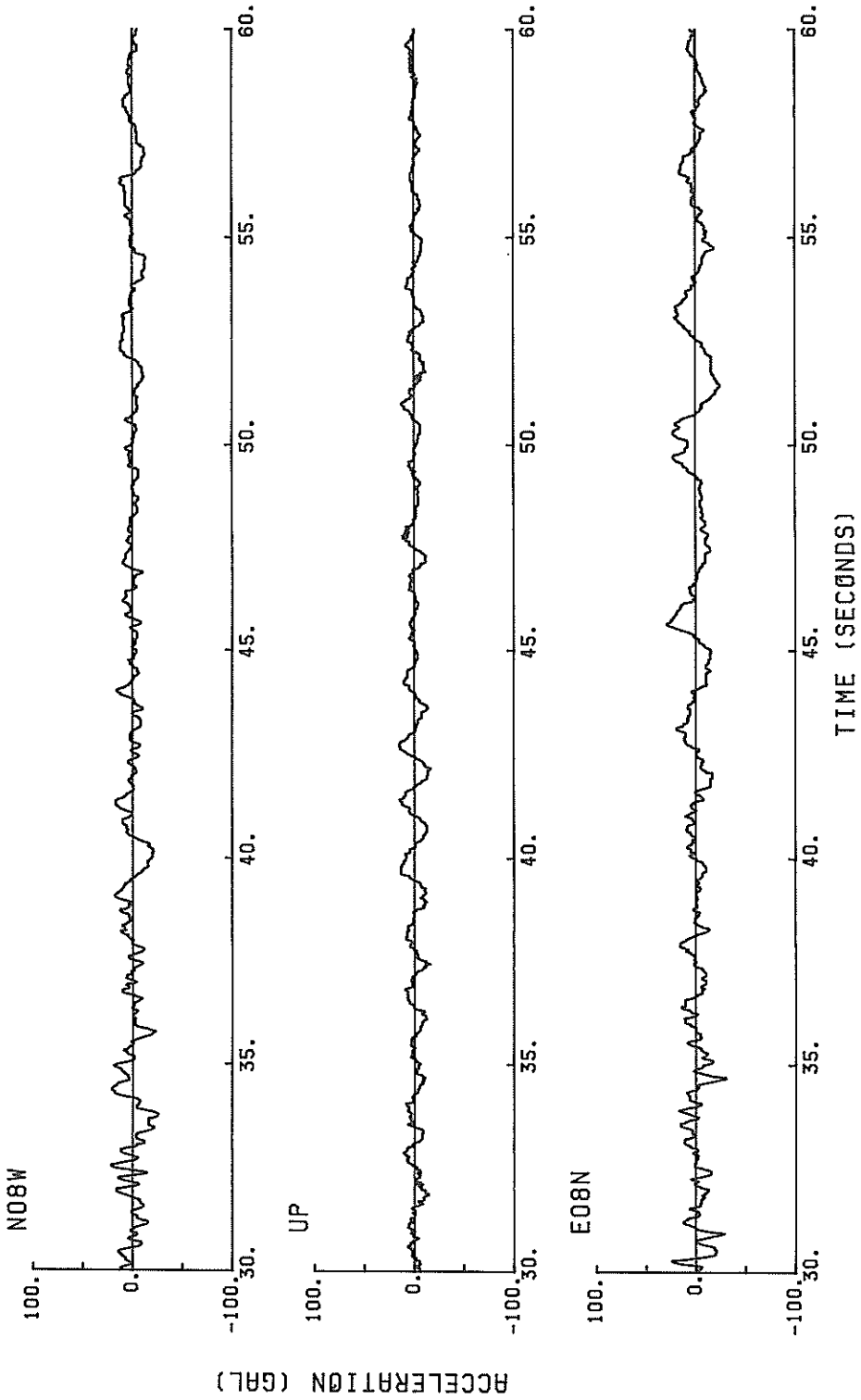
DATA AND TIME 15:25 JUNE 21,1983
 LOCATION OF HYPOCENTER
 EPICENTRAL REGION W OFF N TOHOKU
 LATITUDE 41.262°N
 LONGITUDE 139.003°E
 DEPTH 6 KM
 MAGNITUDE 7.1

PARAMETER OF THE VARIABLE FILTER	COMPONENT			SUM OF HORIZONTAL COMPONENT
	NORW	EOSH	UP	
FC (HZ)	0.173	0.149	0.240	
MAXIMUM ACCELERATION (GAL)				
SMAC-B2 EQUIVALENT	33.1	43.9	18.1	44.8
ORIGINAL	39.1	51.0	22.5	52.8
CORRECTED	39.4	51.4	22.6	52.1
MAXIMUM VELOCITY (CM/SEC)				
FIXED FILTER	9.30	12.84	4.09	14.74
VARIABLE FILTER	9.64	12.24	3.76	15.07
MAXIMUM DISPLACEMENT (CM)				
FIXED FILTER	3.929	6.918	1.572	6.919
VARIABLE FILTER	3.690	5.624	0.974	5.813

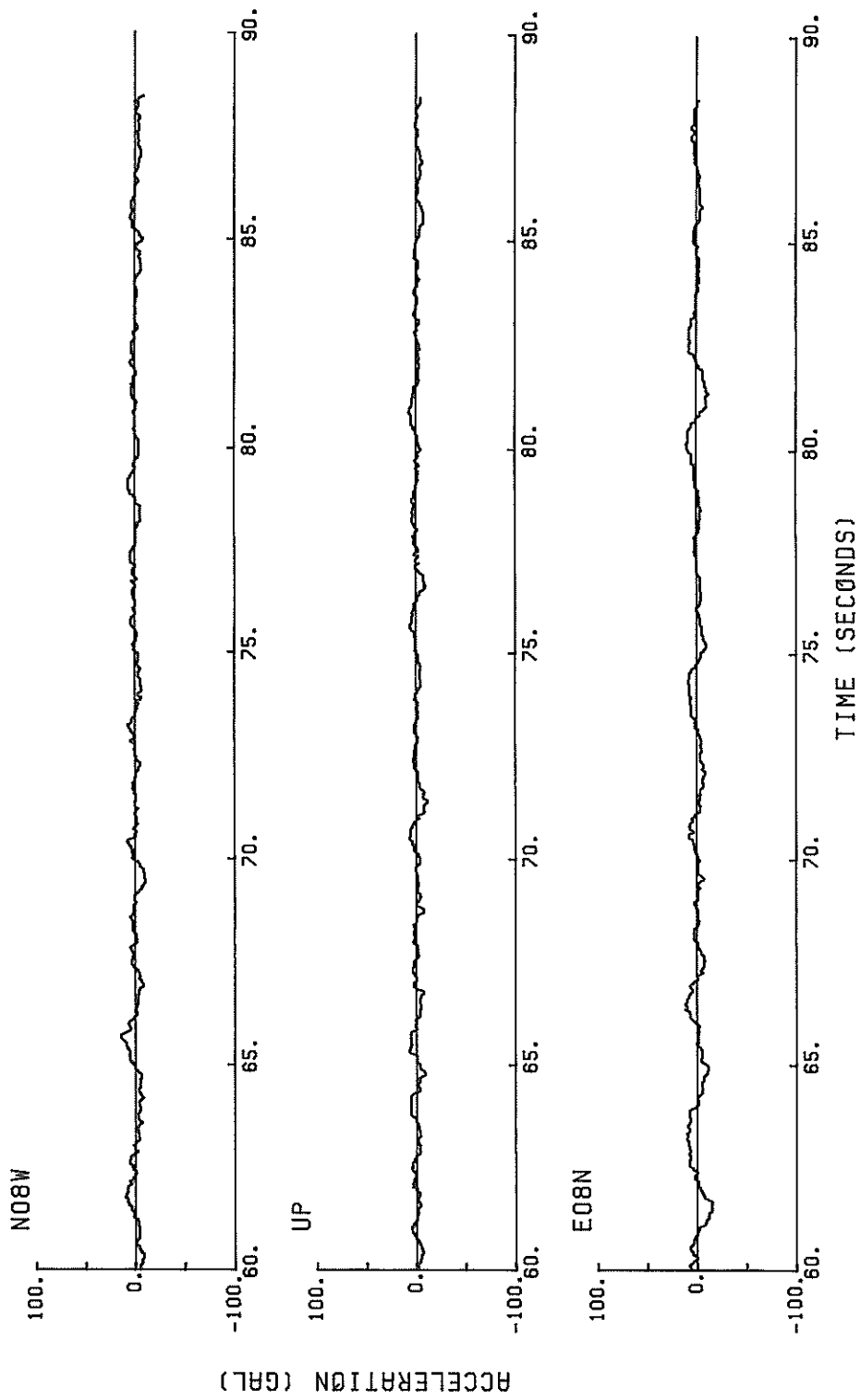
M-639 HAKODATE-M

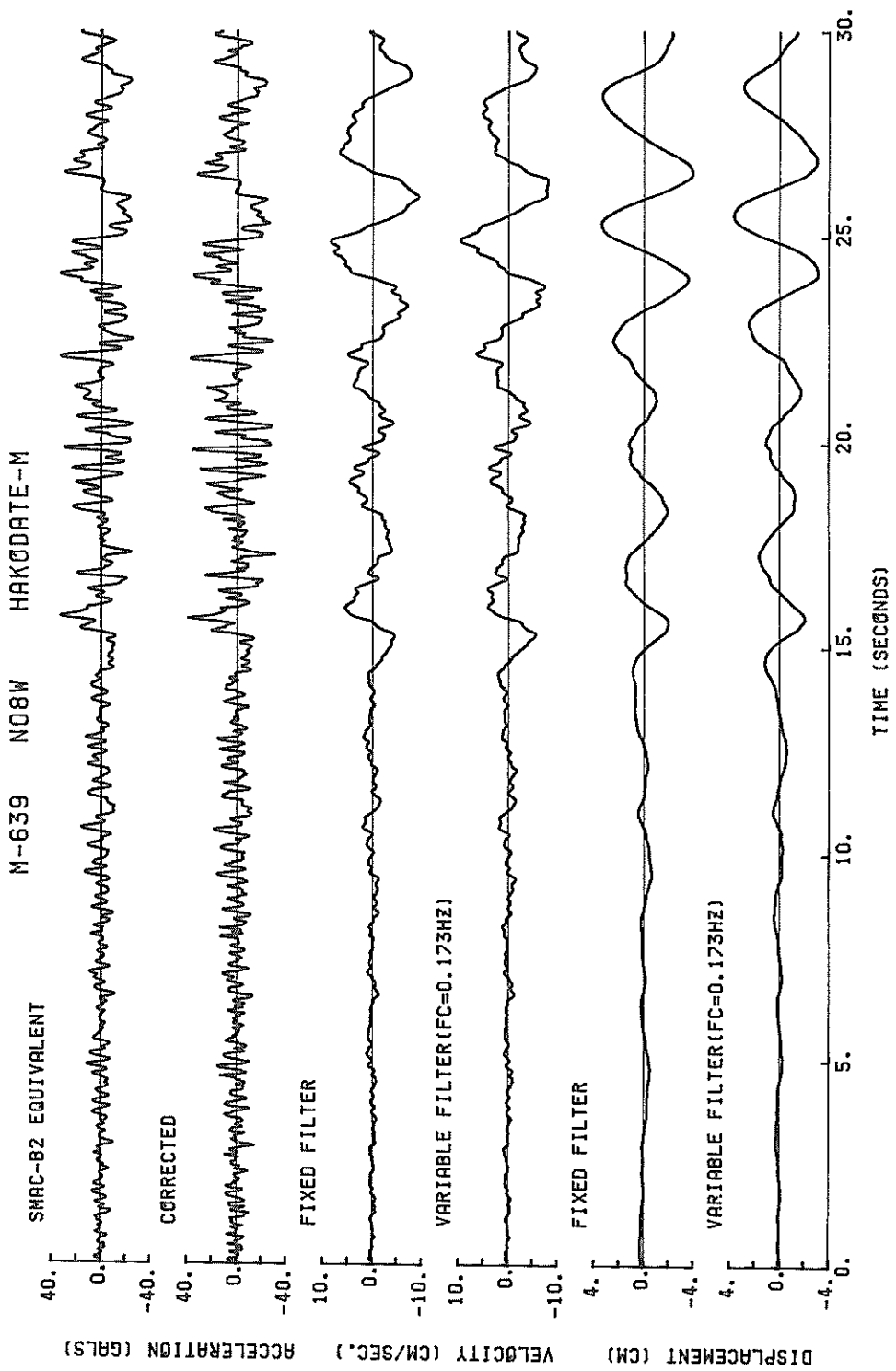


M-639 HAKODATE-M

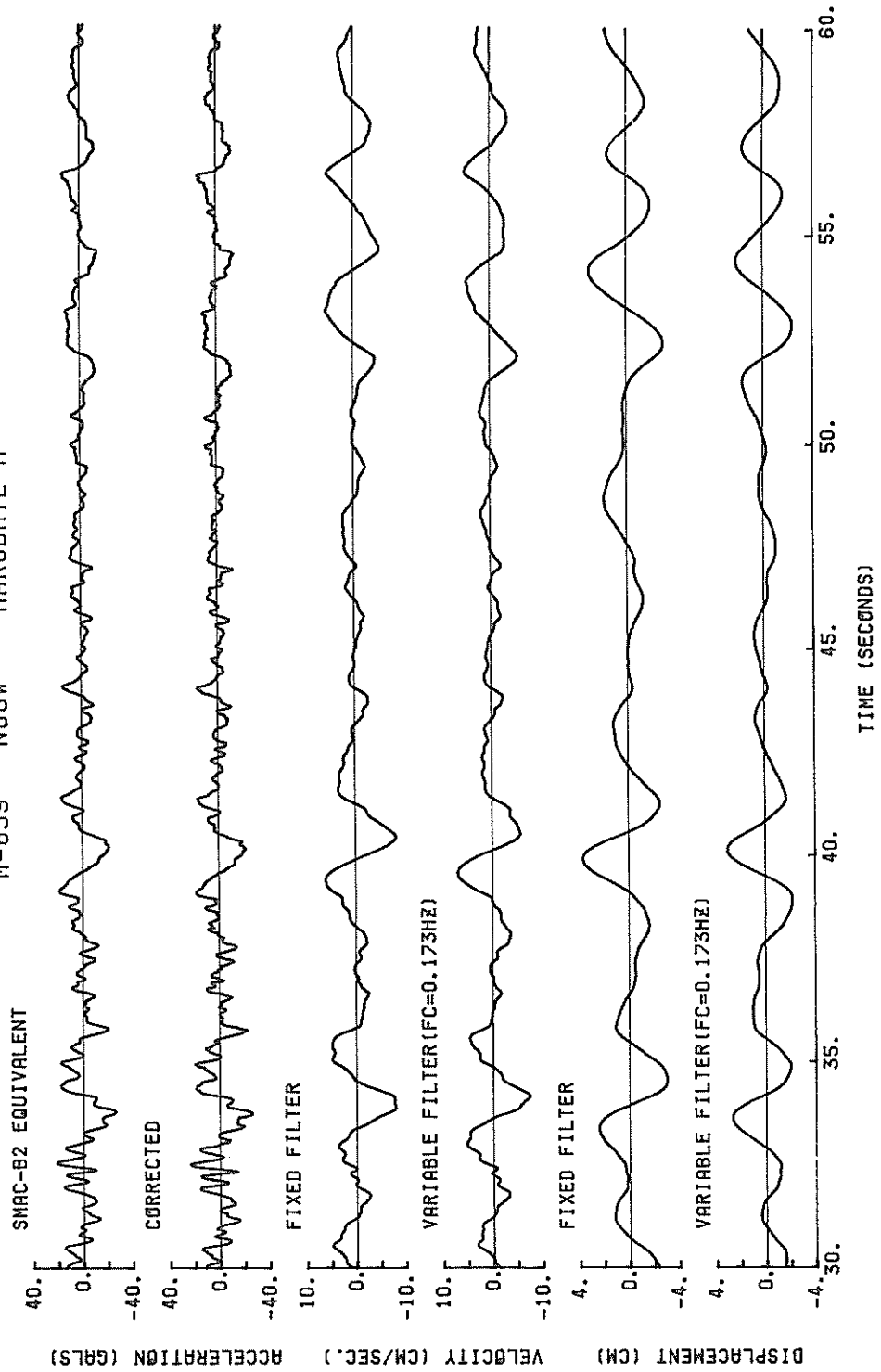


M-639 HAKODATE-M

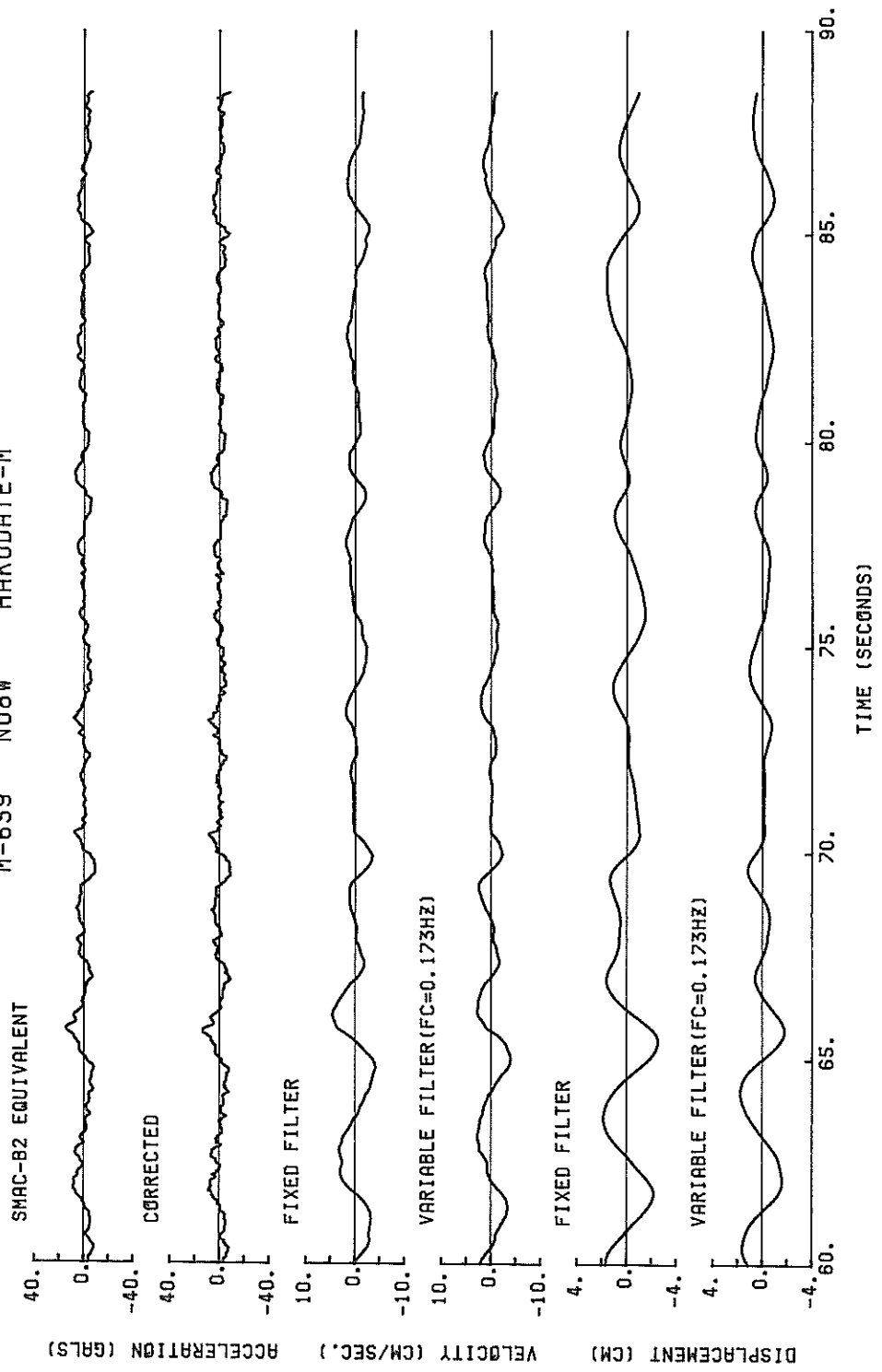




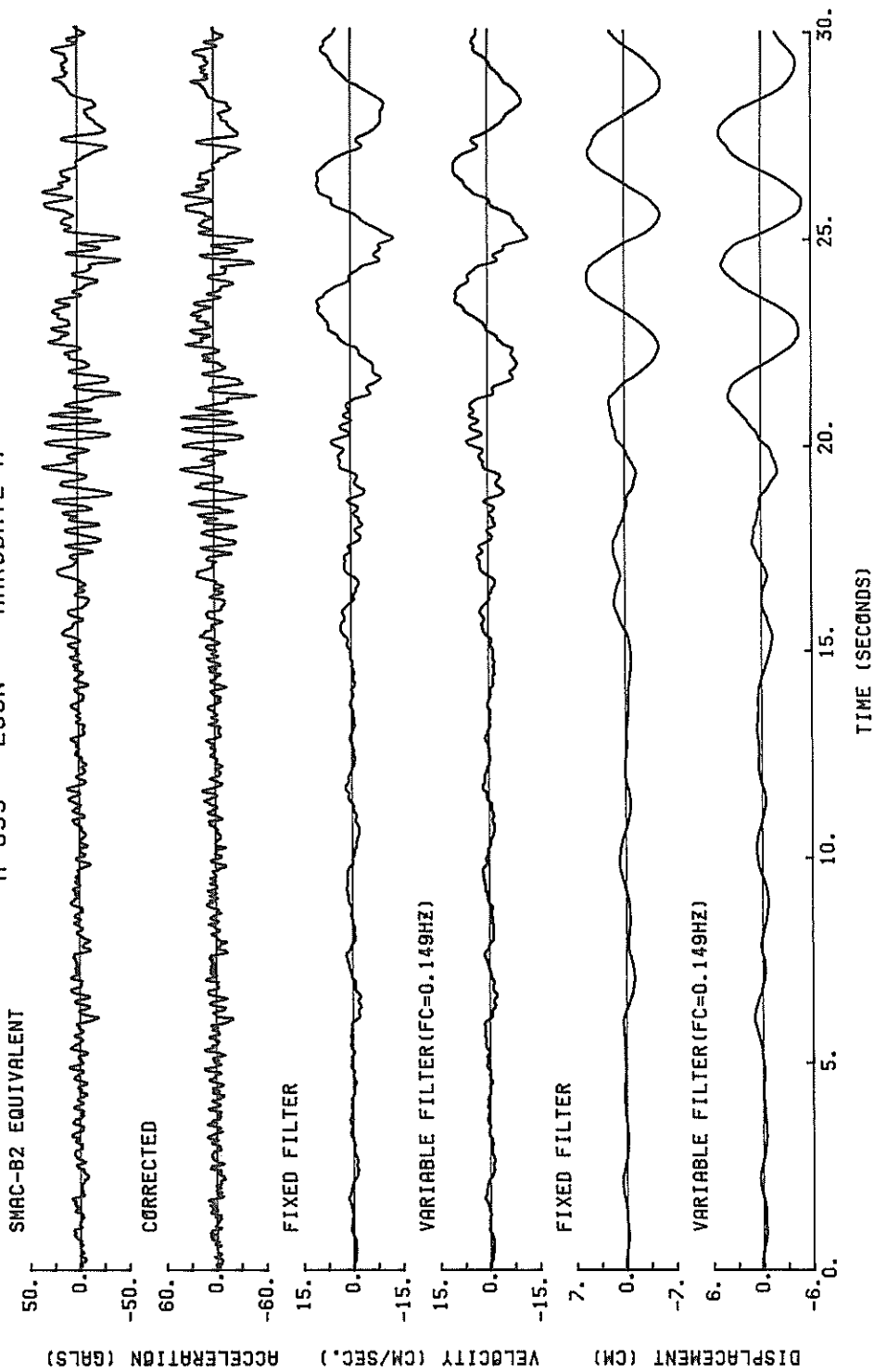
M-639 N08W HAKODATE-M



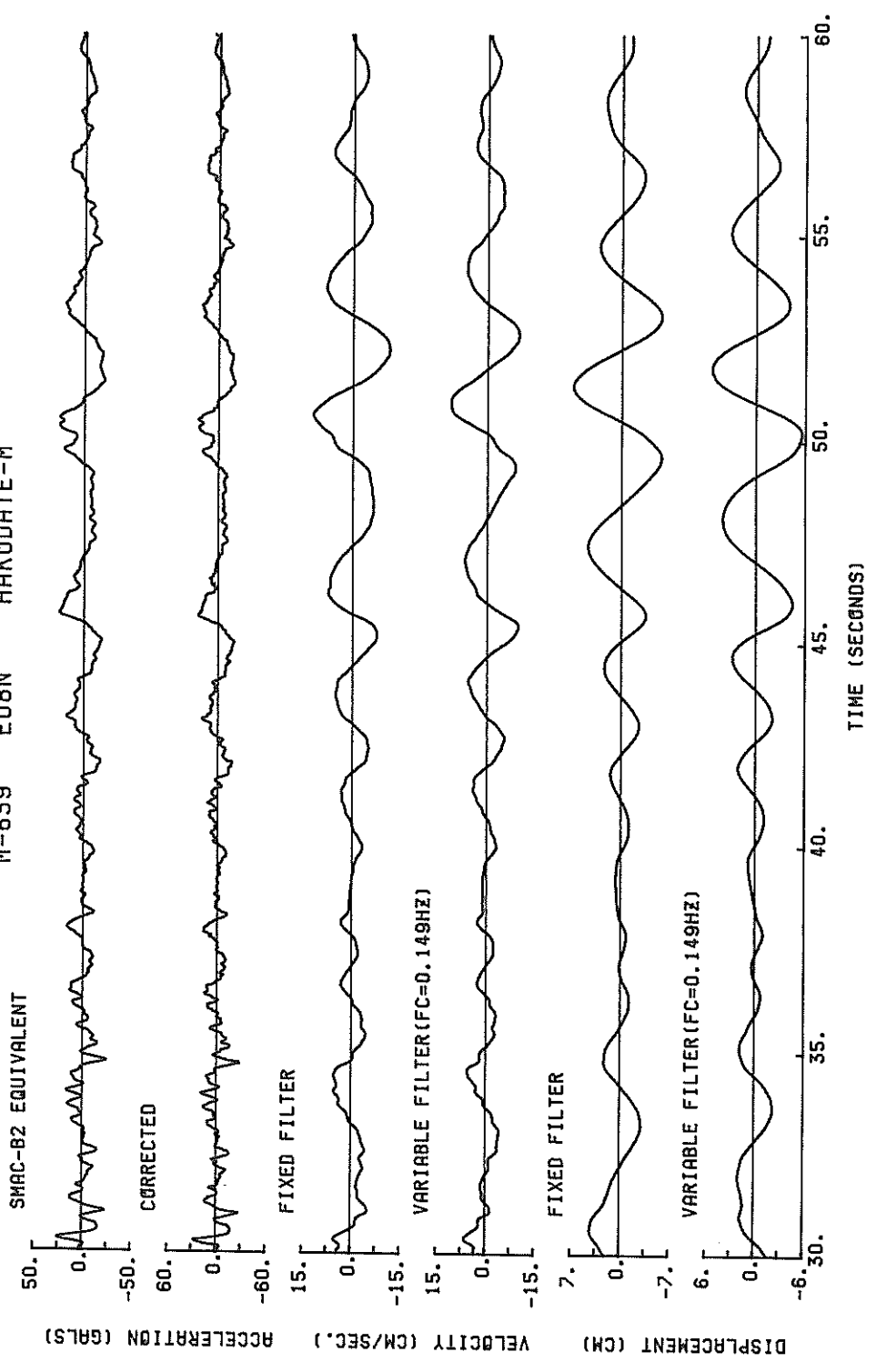
M-639 N08W HAKØDATE-M



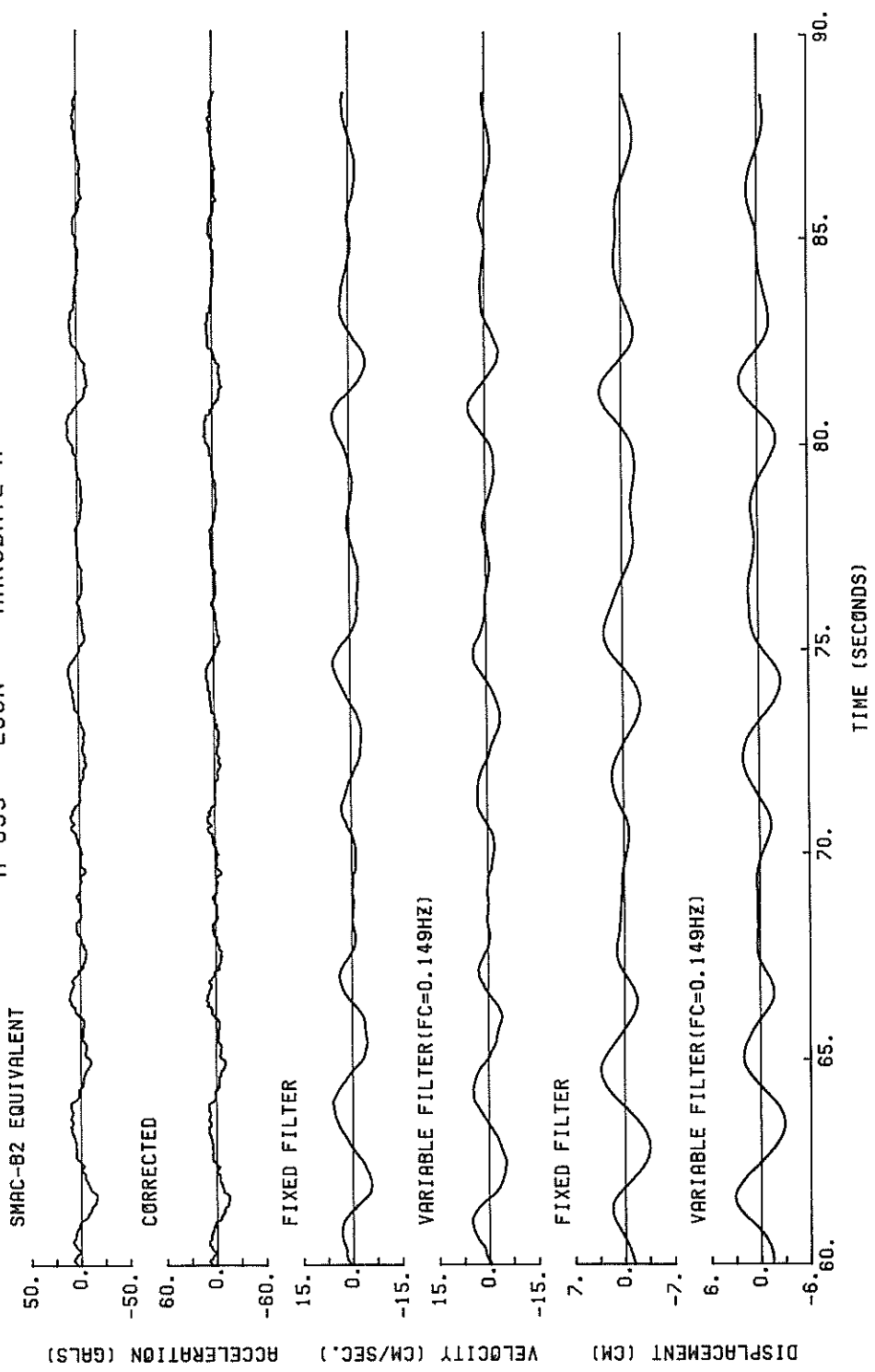
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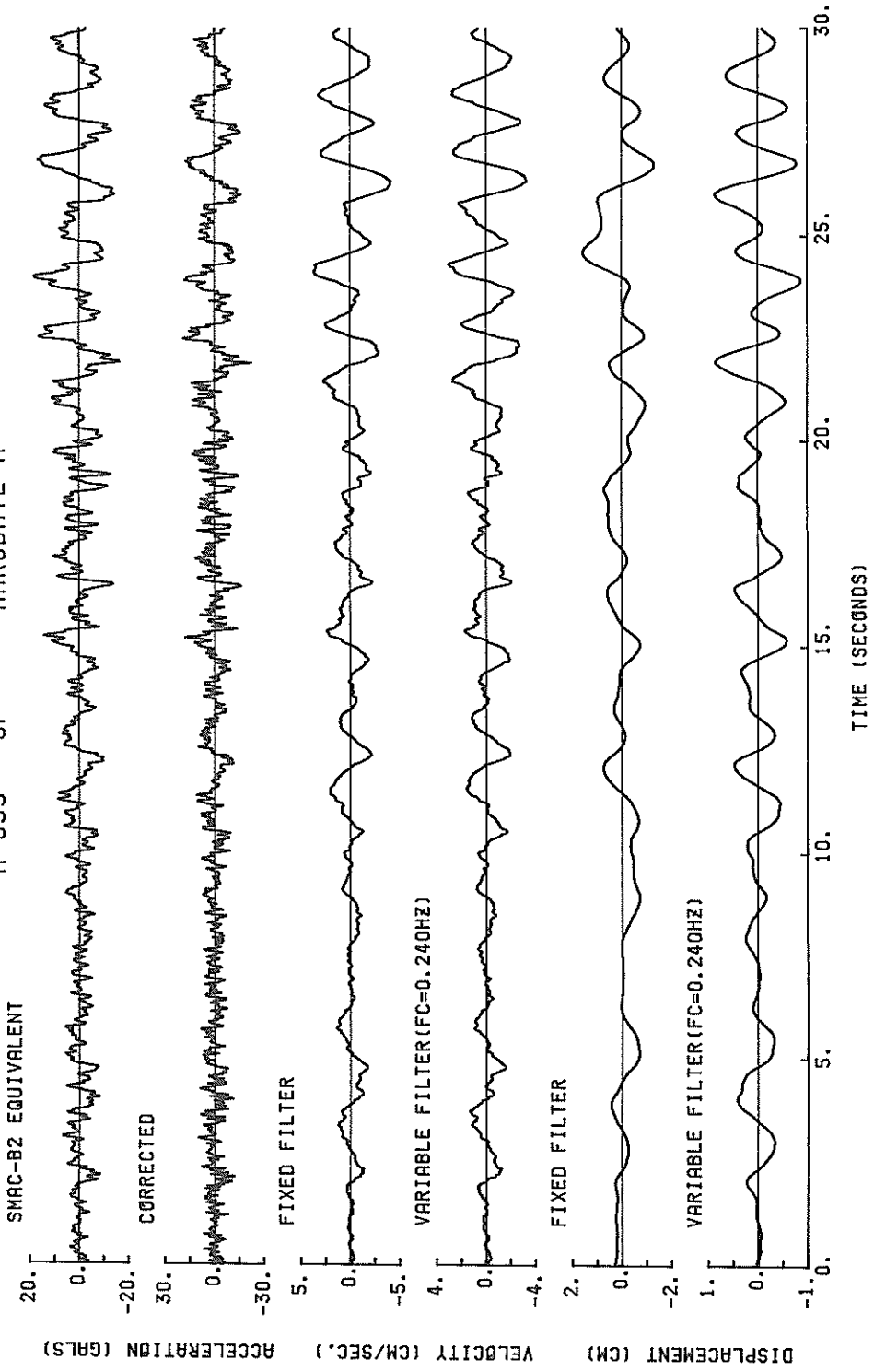
M-639 E08N HAKODATE-M



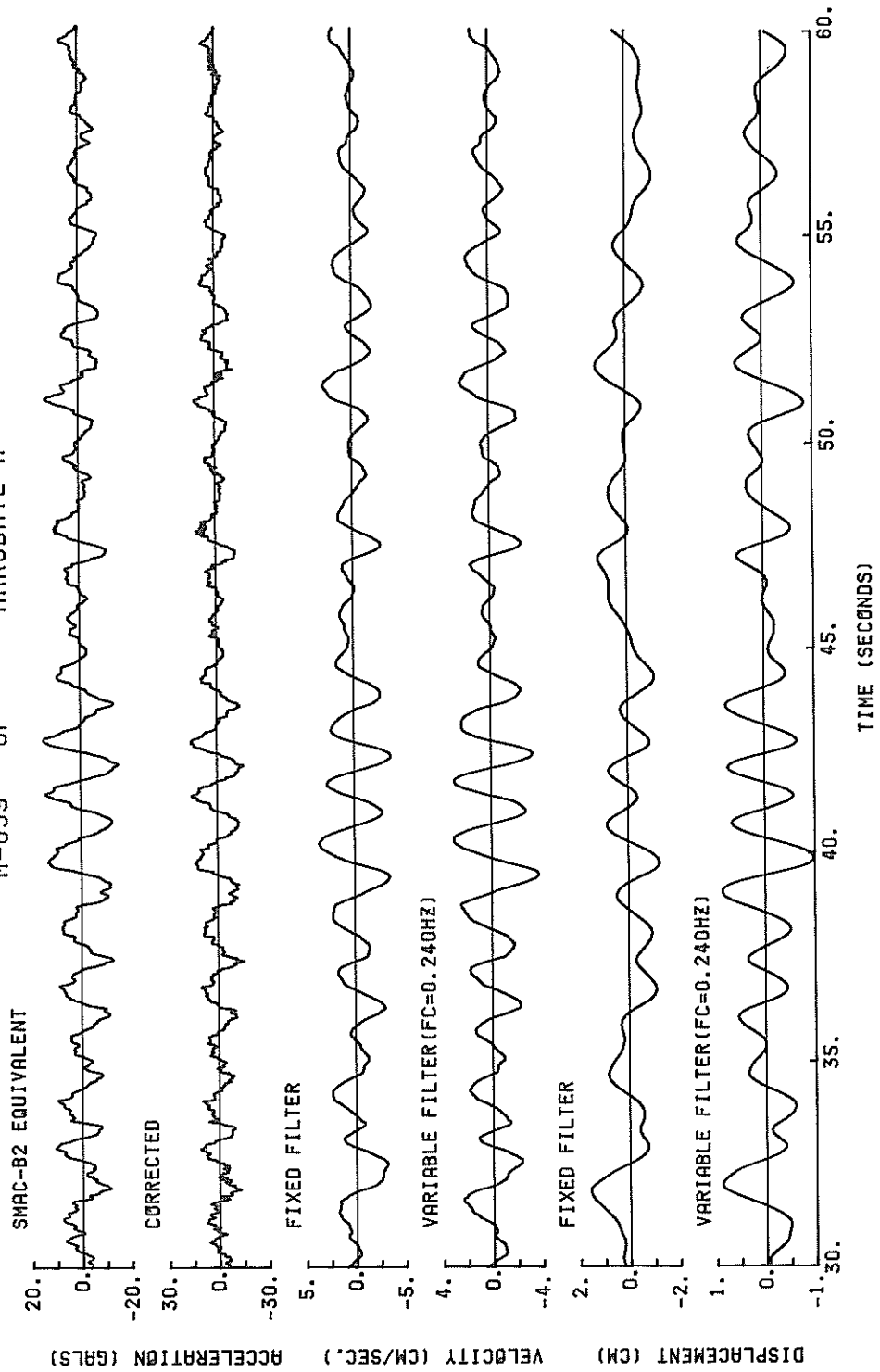
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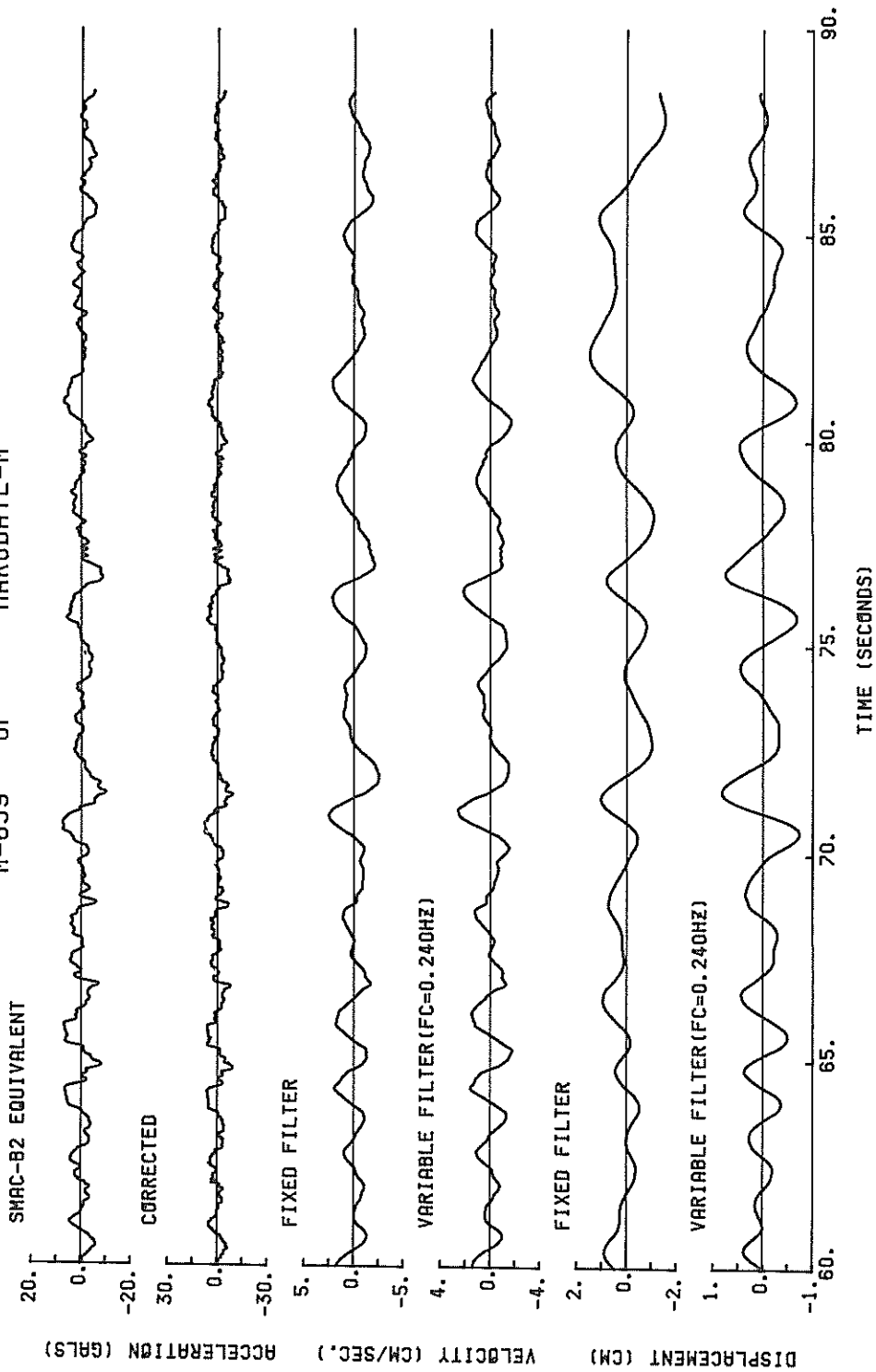
M-639 UP HAKODATE-M



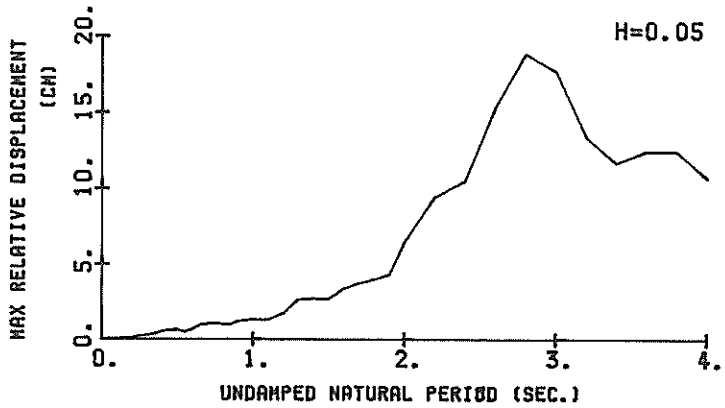
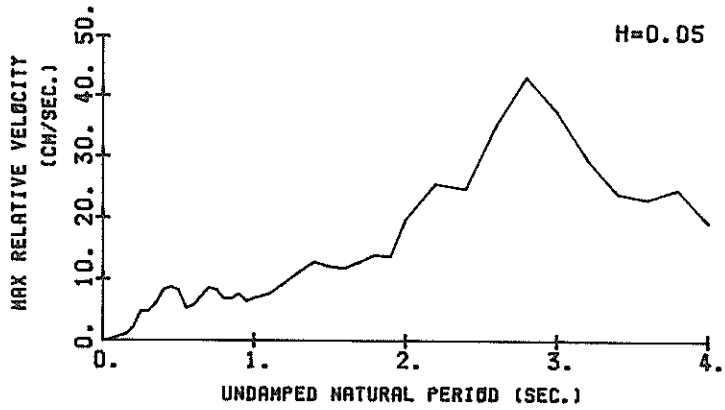
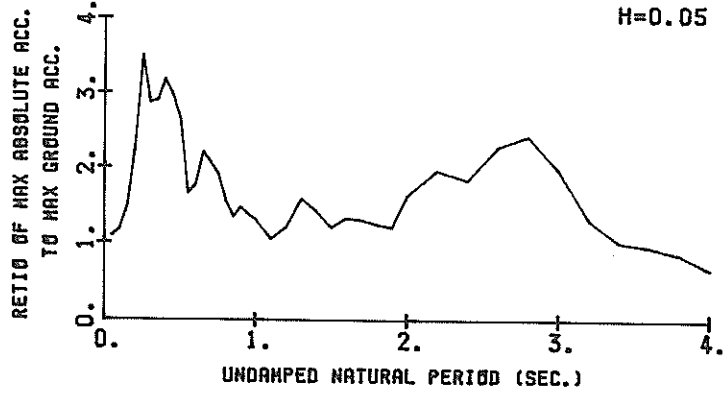
M-639 UP HAKODATE-M



M-639 UP HAKODATE-M

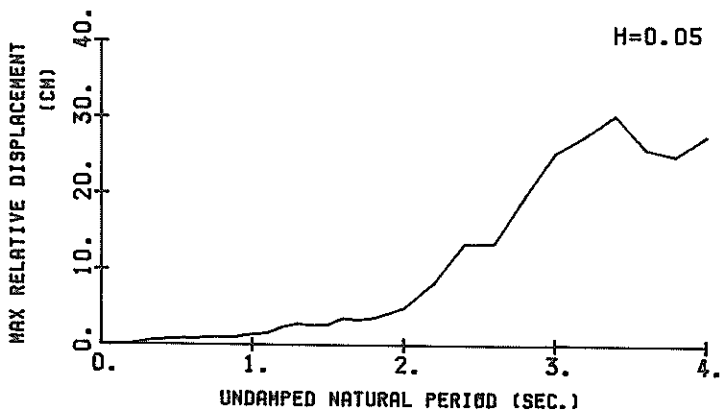
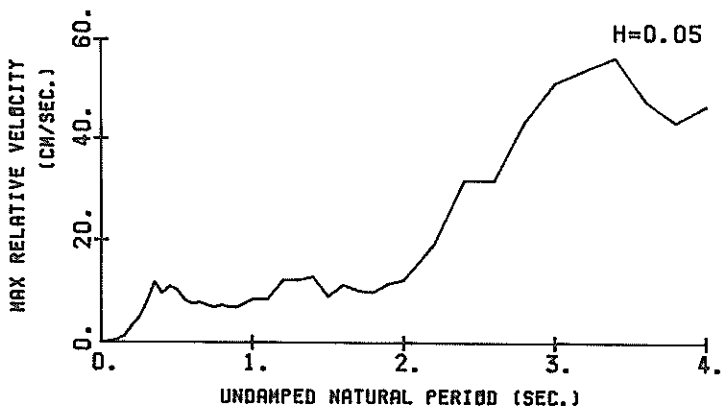
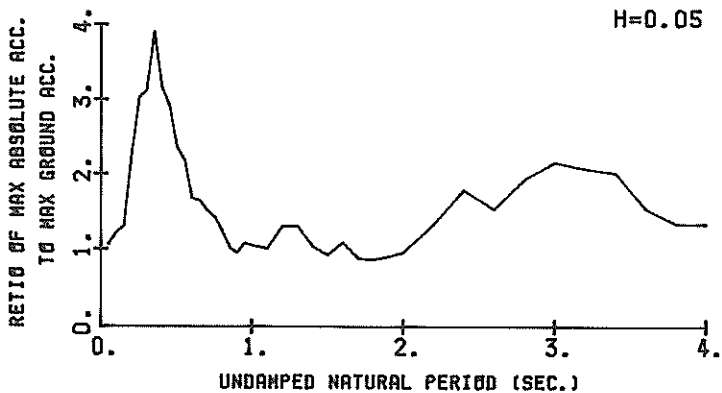


M-639 N08W HAKØDATE-M
(1/FC=5.78 SEC.)



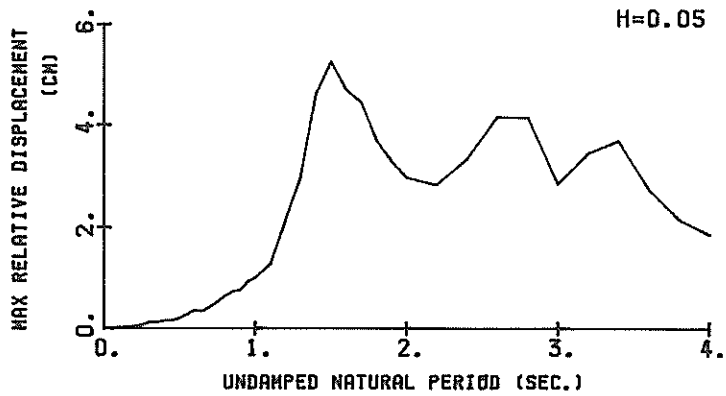
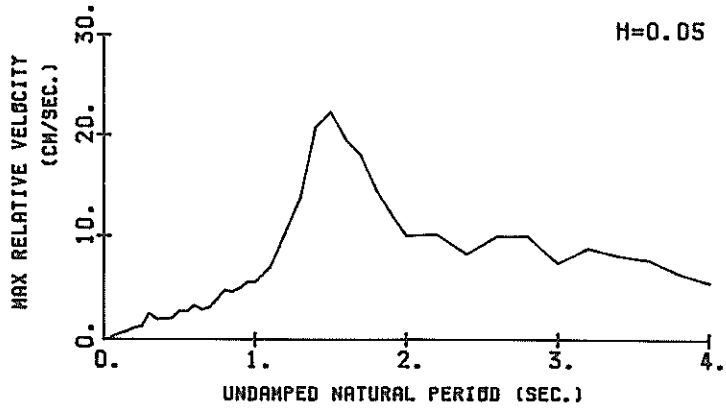
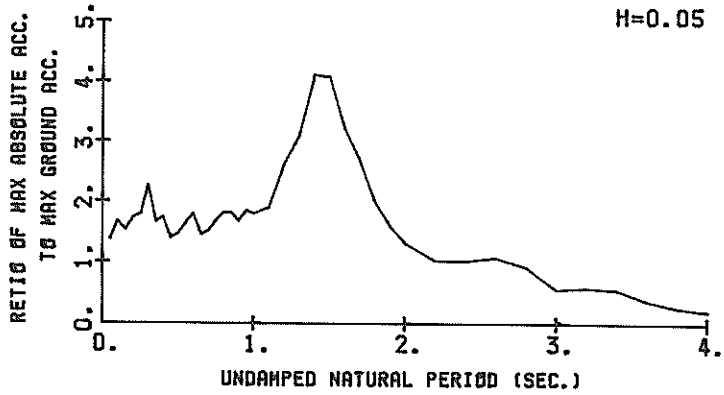
RESPONSE SPECTRA

M-639 E08N HAKODATE-M
(1/FC=6.73 SEC.)



RESPONSE SPECTRA

M-639 UP HAKODATE-M
(1/FC=4.16 SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = M-639 COMPONENT = NOSH SIGNAL = GR. ACC. CORRECTION = MAX.GROUND ACC. = STATION = HAKODATE-M
DATE AND TIME = 1983-06-21-15-26 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 39.43 (GAL)
TIME LENGTH = 38.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250					
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD			
0.05	48.0	0.24	0.003	46.0	0.12	0.003	43.3	0.10	0.003	41.8	0.09	0.003	40.9	0.07	0.003
0.10	144.3	2.03	0.037	51.0	0.64	0.013	46.4	0.56	0.012	44.8	0.41	0.011	43.3	0.27	0.011
0.15	276.9	6.44	0.153	72.7	1.26	0.041	58.6	0.98	0.033	51.6	0.72	0.029	47.2	0.59	0.026
0.20	426.8	7.51	0.250	107.3	2.83	0.109	88.0	2.08	0.089	73.1	1.70	0.074	56.5	1.28	0.054
0.25	546.8	16.23	0.671	169.7	6.18	0.266	137.3	4.77	0.217	106.6	3.69	0.166	63.8	2.08	0.093
0.30	598.3	18.83	1.008	189.9	6.66	0.382	153.0	4.84	0.256	85.5	3.60	0.191	58.9	2.29	0.124
0.35	704.2	38.85	2.185	159.5	8.77	0.495	114.2	6.05	0.353	80.5	4.43	0.245	56.7	2.55	0.162
0.40	897.2	18.54	1.204	151.0	9.85	0.610	125.4	8.28	0.505	90.1	5.99	0.358	56.5	3.05	0.206
0.45	449.0	31.82	2.303	154.6	11.50	0.793	116.7	8.80	0.596	86.0	5.87	0.432	51.6	3.31	0.235
0.50	257.3	19.89	1.652	139.5	11.51	0.882	103.9	8.34	0.656	72.2	5.86	0.449	47.2	3.31	0.281
0.55	172.0	13.64	1.313	76.8	5.76	0.587	65.3	5.29	0.498	50.8	4.77	0.384	47.1	3.33	0.336
0.60	153.7	14.62	1.401	78.1	6.74	0.712	69.7	5.75	0.633	60.2	4.20	0.540	46.7	3.24	0.391
0.65	155.8	15.57	1.668	110.7	9.94	1.184	87.2	7.50	0.928	66.9	4.74	0.682	45.1	3.24	0.438
0.70	293.9	31.55	3.673	122.3	13.05	1.518	81.8	8.67	1.010	56.3	5.41	0.687	41.8	3.16	0.468
0.75	164.3	19.06	2.340	94.3	10.89	1.342	75.5	8.43	1.071	55.9	5.79	0.782	38.3	3.40	0.490
0.80	119.5	14.81	1.837	68.4	7.86	1.187	61.6	6.95	0.994	51.2	5.56	0.813	35.9	3.63	0.522
0.85	257.3	34.85	4.717	63.6	7.99	1.622	52.9	6.86	0.963	46.2	5.67	0.829	34.7	3.79	0.570
0.90	207.4	27.72	4.254	79.9	11.34	1.639	58.0	7.75	1.185	42.9	5.89	0.864	34.2	3.94	0.630
0.95	143.0	21.07	3.270	64.9	6.23	1.537	54.4	6.54	1.239	41.3	5.95	0.932	33.7	4.08	0.691
1.00	124.7	18.50	3.160	68.8	9.51	1.742	51.5	6.95	1.306	41.1	6.11	1.027	32.8	4.11	0.747
1.10	119.5	19.20	3.664	52.1	9.62	1.596	41.5	7.72	1.267	37.1	6.08	1.127	30.9	4.21	0.873
1.20	144.3	27.27	5.263	61.6	10.57	2.246	47.6	9.52	1.728	40.7	7.35	1.458	31.4	4.99	1.053
1.30	180.7	36.35	7.737	79.6	14.44	3.402	62.8	11.35	2.677	45.1	8.63	1.897	31.9	5.65	1.252
1.40	166.2	36.58	8.254	72.4	16.53	3.590	56.1	12.97	2.766	41.4	9.87	2.022	32.0	6.06	1.453
1.50	101.2	22.95	5.768	57.6	14.16	3.274	47.7	12.31	2.700	41.0	9.91	2.291	31.8	6.84	1.665
1.60	150.6	38.80	9.766	64.3	15.32	4.162	52.6	12.04	3.399	41.2	9.70	2.655	31.3	7.25	1.897
1.70	167.4	44.64	12.552	63.4	17.21	5.001	51.8	13.00	3.777	40.8	10.47	2.956	32.6	7.83	2.218
1.80	120.5	33.67	9.887	62.0	16.28	5.081	49.6	14.23	4.054	41.9	11.31	3.392	33.8	8.41	2.563
1.90	30.2	24.11	7.336	49.8	15.18	4.545	48.0	13.91	4.369	44.9	11.89	4.050	34.8	8.95	2.930
2.00	117.5	36.35	11.935	79.9	24.16	8.092	64.5	19.92	6.512	49.6	14.63	4.950	35.7	9.55	3.334
2.20	151.2	52.84	18.540	98.0	32.95	12.092	78.0	25.85	9.516	57.2	17.53	6.873	38.1	11.75	4.249
2.40	161.1	62.84	23.502	78.6	28.86	11.951	72.8	24.98	10.570	61.1	21.53	8.750	38.9	13.55	5.167
2.60	227.6	94.10	38.970	114.6	48.24	19.601	90.1	35.27	15.354	65.5	26.87	10.972	39.3	15.99	5.949
2.80	270.4	118.92	53.705	132.0	62.71	26.176	95.8	43.41	19.923	63.5	29.97	12.374	37.2	15.46	6.473
3.00	142.9	70.92	32.573	101.6	49.96	23.128	78.2	37.72	17.746	54.7	27.49	12.170	33.5	15.38	6.726
3.20	94.7	48.89	24.568	60.4	33.43	15.647	52.1	29.94	13.454	42.1	23.81	10.544	29.6	14.82	6.757
3.40	112.5	61.47	32.949	56.5	31.36	16.515	40.2	24.25	11.718	32.3	21.10	9.115	26.2	14.49	6.615
3.60	100.1	58.57	32.872	51.0	31.40	16.730	38.3	23.21	12.504	27.1	19.17	8.718	25.3	14.42	6.385
3.80	67.8	44.09	24.782	45.0	31.23	16.445	34.5	26.92	12.513	24.1	18.40	8.560	20.7	14.17	6.116
4.00	42.0	28.84	17.039	32.9	22.28	13.302	24.5	19.52	10.812	20.1	17.04	7.863	18.4	13.82	5.828

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = M-639 COMPONENT = E08N SIGNAL = GR. ACC. CORRECTION = STATION = HAKODATE-M
 DATE AND TIME = 1983-06-21-15-26 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 51.44 (GAL)
 TIME LENGTH = 88.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	61.9	0.25	0.004	55.2	0.12	0.003	55.3	0.09	0.003	54.6	0.08	0.003	53.1	0.07	0.003	53.1	0.07	0.003		
0.10	105.8	1.51	0.027	68.3	0.58	0.017	62.5	0.48	0.016	58.9	0.37	0.015	56.5	0.31	0.014	56.5	0.31	0.014		
0.15	209.3	2.79	0.069	73.7	1.41	0.042	67.0	1.17	0.038	66.2	1.06	0.037	61.3	0.80	0.034	61.3	0.80	0.034		
0.20	289.2	8.49	0.293	133.3	3.89	0.135	114.2	3.17	0.115	87.6	87.6	0.088	65.2	1.41	0.064	65.2	1.41	0.064		
0.25	508.6	19.89	0.805	169.8	6.32	0.267	155.7	4.96	0.245	120.8	3.63	0.189	75.2	2.21	0.112	75.2	2.21	0.112		
0.30	537.6	25.24	1.226	209.4	9.07	0.476	160.6	7.75	0.366	120.8	5.66	0.270	71.1	3.02	0.151	71.1	3.02	0.151		
0.35	843.9	46.46	2.619	295.2	17.36	0.917	201.1	11.86	0.622	125.2	7.42	0.383	74.0	3.54	0.207	74.0	3.54	0.207		
0.40	258.4	15.64	1.047	204.4	12.51	0.866	163.6	9.81	0.659	113.7	6.21	0.453	66.7	4.06	0.241	66.7	4.06	0.241		
0.45	379.8	26.29	1.948	214.9	15.23	1.101	149.7	11.02	0.763	102.5	7.87	0.512	63.8	4.47	0.288	63.8	4.47	0.288		
0.50	309.2	24.09	1.933	161.0	13.44	1.019	121.9	10.49	0.768	89.8	7.65	0.554	57.7	4.47	0.315	57.7	4.47	0.315		
0.55	399.6	34.67	3.062	148.5	12.32	1.138	112.2	8.40	0.855	78.0	6.40	0.586	54.3	4.40	0.380	54.3	4.40	0.380		
0.60	148.0	13.65	1.353	102.5	9.22	0.934	86.4	7.73	0.784	69.0	6.14	0.615	52.3	4.37	0.428	52.3	4.37	0.428		
0.65	194.6	19.45	2.083	108.4	10.34	1.159	86.9	7.91	0.905	66.1	6.01	0.675	48.2	4.28	0.458	48.2	4.28	0.458		
0.70	229.5	24.57	2.849	95.3	10.01	1.181	78.3	7.49	0.967	58.7	5.82	0.717	43.8	4.09	0.500	43.8	4.09	0.500		
0.75	167.4	19.29	2.388	88.2	8.44	1.234	73.1	7.01	1.037	57.2	5.43	0.798	44.5	3.83	0.555	44.5	3.83	0.555		
0.80	248.6	31.04	4.030	83.3	10.64	1.369	64.2	7.46	1.035	51.7	5.72	0.821	44.5	3.84	0.599	44.5	3.84	0.599		
0.85	203.2	25.15	3.719	62.9	8.20	1.150	52.8	7.00	0.962	42.6	5.77	0.764	40.2	4.06	0.637	40.2	4.06	0.637		
0.90	132.2	17.43	2.712	56.4	7.23	1.156	49.1	7.01	1.002	41.1	5.75	0.835	38.1	4.24	0.675	38.1	4.24	0.675		
0.95	181.6	26.45	4.151	72.2	10.28	1.648	55.5	7.85	1.262	39.7	5.47	0.899	36.4	4.43	0.738	36.4	4.43	0.738		
1.00	183.9	28.60	4.653	77.3	12.00	1.968	54.0	8.51	1.330	39.1	5.78	0.974	34.9	4.66	0.821	34.9	4.66	0.821		
1.10	110.7	17.94	3.394	59.9	10.40	1.835	51.9	8.47	1.580	43.0	6.68	1.293	34.6	5.15	1.000	34.6	5.15	1.000		
1.20	242.2	46.35	8.835	86.4	15.02	3.147	67.0	12.25	2.437	48.7	8.83	1.758	35.1	5.41	1.204	35.1	5.41	1.204		
1.30	253.3	50.34	10.830	83.8	16.09	3.564	67.2	12.19	2.860	48.2	8.82	2.015	33.8	5.24	1.432	33.8	5.24	1.432		
1.40	126.4	25.63	6.277	73.8	16.94	3.662	53.4	12.92	2.640	45.2	9.01	2.214	36.1	5.30	1.671	36.1	5.30	1.671		
1.50	117.1	26.82	6.674	55.8	12.71	3.176	47.6	9.17	2.701	45.0	7.92	2.530	36.2	5.85	1.917	36.2	5.85	1.917		
1.60	119.0	29.31	7.715	69.2	15.23	4.518	56.0	11.45	3.615	40.5	8.25	2.876	36.0	6.34	2.167	36.0	6.34	2.167		
1.70	114.0	26.67	8.345	55.8	12.24	4.078	40.30	10.30	3.340	40.5	8.26	2.820	35.8	6.81	2.428	35.8	6.81	2.428		
1.80	52.1	12.56	4.279	52.1	11.17	4.688	44.6	10.02	3.643	37.9	8.353	3.066	35.9	7.36	2.712	35.9	7.36	2.712		
1.90	141.3	41.94	12.923	62.1	16.00	5.676	46.4	11.67	4.259	40.6	9.10	3.658	36.3	8.06	3.033	36.3	8.06	3.033		
2.00	113.6	31.36	11.512	58.7	18.05	6.937	49.5	12.39	4.997	44.0	10.36	4.395	36.9	8.92	3.387	36.9	8.92	3.387		
2.20	79.7	26.34	9.776	73.7	20.52	9.025	68.3	19.26	8.347	54.0	15.06	6.528	37.9	10.93	4.235	37.9	10.93	4.235		
2.40	231.8	26.83	33.823	135.4	47.76	19.752	92.3	31.77	13.443	63.8	22.05	9.134	40.1	13.14	5.375	40.1	13.14	5.375		
2.60	192.2	76.63	32.907	107.1	42.68	18.322	79.2	31.82	13.890	62.4	24.21	10.530	42.3	13.94	6.591	42.3	13.94	6.591		
2.80	187.3	81.75	37.189	124.9	53.68	24.769	99.3	43.46	19.637	72.7	32.35	14.184	43.4	17.99	7.790	43.4	17.99	7.790		
3.00	269.7	128.76	61.485	138.4	62.84	31.322	111.1	51.16	23.205	76.5	35.70	17.189	42.5	18.61	8.848	42.5	18.61	8.848		
3.20	173.6	90.76	45.034	131.5	66.81	34.156	106.6	53.80	27.506	75.7	37.99	19.235	41.5	18.83	9.584	41.5	18.83	9.584		
3.40	435.6	236.79	127.617	159.9	96.72	46.771	103.7	56.32	30.206	69.2	37.10	19.796	38.9	19.89	9.991	38.9	19.89	9.991		
3.60	170.2	103.69	55.888	98.5	58.50	32.279	79.2	47.58	25.335	59.6	35.56	19.158	35.9	20.01	10.474	35.9	20.01	10.474		
3.80	163.3	101.05	59.713	86.7	55.61	31.689	68.5	43.03	24.932	53.3	34.61	19.031	34.0	19.41	10.920	34.0	19.41	10.920		
4.00	134.3	88.34	54.634	90.1	60.41	36.663	68.4	46.46	27.551	50.0	33.37	19.764	31.0	18.95	11.090	31.0	18.95	11.090		

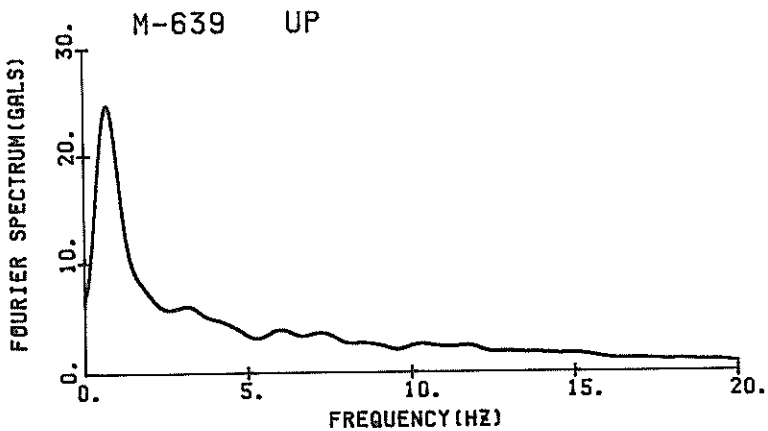
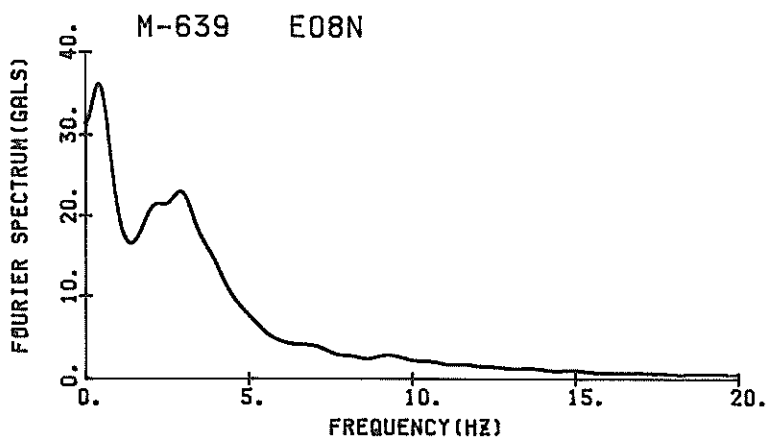
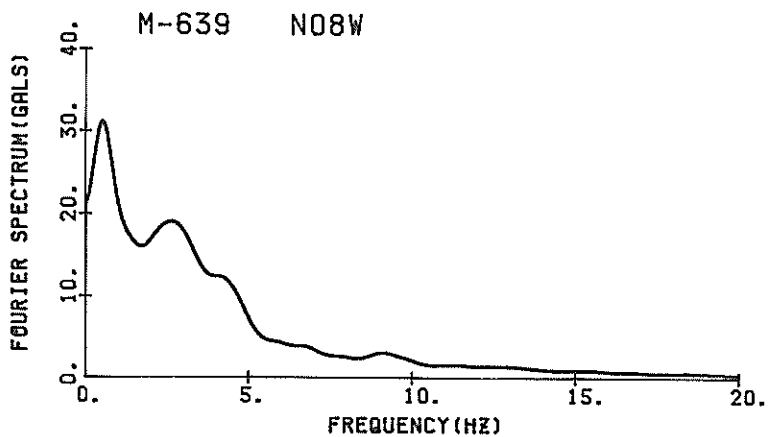
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = M-633 COMPONENT = UP SIGNAL = GR. ACC. CORRECTION = MAX.GROUND ACC. = STATION = HAKODATE-M
 DATE AND TIME = 1933-06-21-15-26 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 22.64 (GAL)
 TIME LENGTH = 88.49 (SEC) SKIPPED LENGTH = 0.00 (SEC)

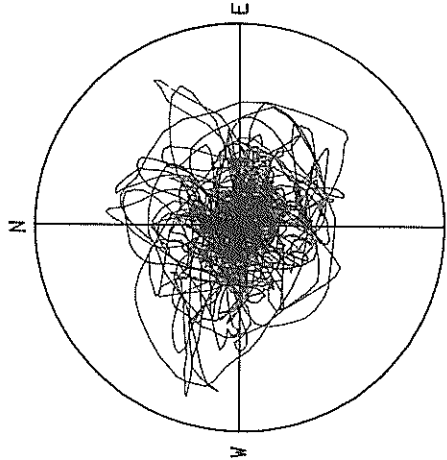
PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	76.3	0.53	0.005	34.8	0.20	0.002	31.2	0.15	0.002	28.5	0.11	0.002	25.2	0.07	0.002	22.2	0.006	0.002		
0.10	164.4	2.52	0.042	49.6	0.73	0.013	38.0	0.54	0.030	27.5	0.38	0.007	23.7	0.20	0.006	20.0	0.006	0.006		
0.15	34.6	1.96	0.043	43.6	0.91	0.025	34.5	0.79	0.020	29.5	0.59	0.017	25.3	0.36	0.014	22.3	0.014	0.014		
0.20	171.5	5.40	0.174	53.7	1.42	0.054	38.9	1.05	0.039	27.0	0.81	0.027	23.5	0.51	0.022	20.4	0.022	0.022		
0.25	166.6	6.59	0.264	55.7	1.67	0.068	40.6	1.29	0.046	29.6	1.09	0.046	23.7	0.76	0.035	20.7	0.035	0.035		
0.30	165.0	7.75	0.376	67.9	3.40	0.134	51.4	2.55	0.117	36.0	1.72	0.081	23.5	0.92	0.049	20.4	0.049	0.049		
0.35	114.1	5.97	0.354	43.0	2.25	0.133	37.6	1.91	0.116	30.5	1.44	0.093	22.7	0.96	0.066	20.4	0.066	0.066		
0.40	136.4	8.36	0.553	48.9	2.55	0.199	39.5	1.96	0.117	29.4	1.46	0.117	21.2	1.12	0.080	20.4	0.080	0.080		
0.45	94.9	6.24	0.487	41.5	2.75	0.212	31.5	2.04	0.161	23.7	1.68	0.119	20.4	1.26	0.099	20.4	0.099	0.099		
0.50	146.4	11.34	0.927	42.7	3.29	0.270	33.2	2.73	0.210	26.9	2.07	0.163	20.6	1.36	0.123	20.6	0.123	0.123		
0.55	138.4	11.57	1.060	43.5	3.38	0.333	37.4	2.71	0.286	29.1	2.07	0.220	20.9	1.38	0.153	20.9	0.153	0.153		
0.60	178.7	10.77	1.629	57.6	5.00	0.323	40.6	3.50	0.371	29.6	2.14	0.267	21.3	1.37	0.186	21.3	0.186	0.186		
0.65	140.6	14.14	1.505	35.1	3.44	0.376	32.9	2.90	0.351	28.9	2.32	0.305	21.7	1.42	0.222	21.7	0.222	0.222		
0.70	97.9	10.84	1.219	39.5	3.66	0.490	34.5	3.10	0.426	27.3	2.37	0.333	22.3	1.63	0.264	22.3	0.264	0.264		
0.75	92.6	13.52	1.319	50.9	5.39	0.544	38.3	3.89	0.544	29.1	2.77	0.407	23.0	1.85	0.311	23.0	0.311	0.311		
0.80	167.9	20.84	2.721	58.6	7.23	0.949	41.1	4.78	0.665	29.3	3.15	0.470	23.8	2.10	0.363	23.8	0.363	0.363		
0.85	105.1	13.74	1.924	48.3	5.76	0.883	41.3	4.64	0.753	30.8	3.22	0.559	24.7	2.35	0.422	24.7	0.422	0.422		
0.90	153.9	20.82	3.158	51.5	6.70	1.055	37.9	4.99	0.774	29.8	3.75	0.605	25.7	2.61	0.490	25.7	0.490	0.490		
0.95	103.6	15.46	2.573	53.5	7.36	1.822	42.2	5.60	0.960	32.4	4.27	0.752	26.8	2.85	0.566	26.8	0.566	0.566		
1.00	154.5	24.09	3.909	49.0	7.18	1.239	40.7	5.60	1.025	35.1	4.64	0.876	27.8	3.05	0.649	27.8	0.649	0.649		
1.10	174.3	30.31	5.358	61.3	10.21	1.878	42.9	7.05	1.310	39.3	5.65	1.184	29.5	3.88	0.826	29.5	0.826	0.826		
1.20	192.9	36.34	7.035	77.8	14.06	2.835	59.2	10.36	2.151	46.2	7.49	1.655	30.6	4.81	1.011	30.6	1.011	1.011		
1.30	163.2	32.03	6.987	90.1	17.74	3.852	70.2	13.80	2.990	49.7	9.65	2.093	30.7	5.70	1.179	30.7	1.179	1.179		
1.40	329.9	71.83	16.279	140.7	31.20	6.975	93.2	20.77	4.803	55.9	12.29	2.721	29.8	6.59	1.328	29.8	1.328	1.328		
1.50	280.9	67.36	16.010	131.0	31.59	7.458	92.6	22.29	5.853	57.0	14.28	3.182	28.8	6.71	1.455	28.8	1.455	1.455		
1.60	243.5	61.57	15.791	97.9	25.56	6.340	73.1	19.59	4.709	51.2	13.51	3.239	26.4	6.55	1.509	26.4	1.509	1.509		
1.70	121.4	33.18	3.885	77.9	22.95	5.691	61.1	18.03	4.449	43.4	12.67	3.098	24.8	6.47	1.589	24.8	1.589	1.589		
1.80	50.3	16.12	4.132	50.4	16.22	4.128	45.5	14.65	3.712	36.3	11.54	2.909	22.8	6.42	1.613	22.8	1.613	1.613		
1.90	86.2	27.64	7.882	44.8	14.95	4.093	36.4	12.26	3.304	30.1	10.13	2.677	20.4	6.28	1.616	20.4	1.616	1.616		
2.00	96.6	31.93	8.803	44.9	15.06	4.541	29.8	10.11	2.994	25.0	9.17	2.459	18.4	6.23	1.626	18.4	1.626	1.626		
2.20	68.1	23.81	8.349	28.9	12.04	3.542	23.3	10.25	2.841	19.7	8.49	2.346	15.4	5.92	1.613	15.4	1.613	1.613		
2.40	61.1	23.61	8.909	31.2	11.70	4.544	23.0	8.36	3.341	15.8	6.97	2.283	12.9	5.51	1.563	12.9	1.563	1.563		
2.60	48.4	19.87	8.279	31.9	13.20	5.448	24.4	10.09	4.161	15.3	7.14	2.578	10.9	5.12	1.505	10.9	1.505	1.505		
2.80	79.9	35.96	15.866	32.0	15.04	6.345	21.0	10.09	4.149	13.5	6.45	2.614	9.4	4.87	1.466	9.4	1.466	1.466		
3.00	45.5	21.78	10.378	17.4	9.06	3.963	12.6	7.42	2.852	10.0	5.96	2.198	8.2	4.81	1.426	8.2	1.426	1.426		
3.20	32.8	17.47	8.495	19.1	11.64	4.943	13.4	8.92	3.454	9.4	6.62	2.347	7.7	4.77	1.485	7.7	1.485	1.485		
3.40	26.9	16.00	7.887	16.8	10.15	4.921	12.7	8.23	3.894	8.9	6.31	2.485	7.1	4.65	1.521	7.1	1.521	1.521		
3.60	16.5	11.05	5.615	9.7	9.11	3.191	8.5	7.78	2.757	7.2	6.15	2.219	6.5	4.48	1.501	6.5	1.501	1.501		
3.80	6.5	6.56	2.595	6.6	6.70	2.368	6.0	6.50	2.171	5.5	5.86	1.885	5.8	4.54	1.437	5.8	1.437	1.437		
4.00	6.9	5.83	2.810	5.1	5.50	2.064	4.7	5.57	1.880	4.8	5.42	1.798	5.2	4.53	1.421	5.2	1.421	1.421		

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



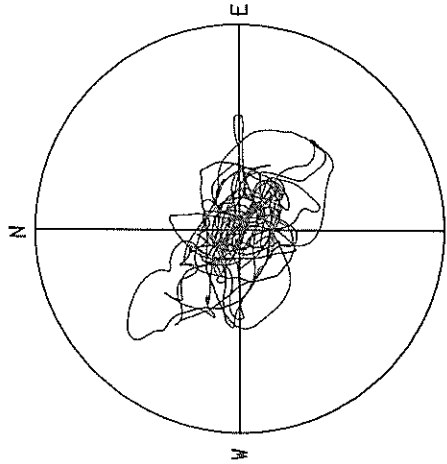
FOURIER SPECTRA

M-639 HAKODATE-M



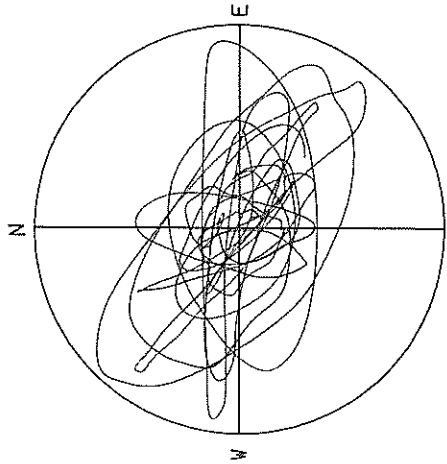
ACCELERATION
R=60.0 GAL
MAX=52.1 GAL

M-639 HAKODATE-M



VELOCITY
R=20.0 CM/SEC.
MAX=15.1 CM/SEC.

M-639 HAKODATE-M



DISPLACEMENT
R=6.00 CM
MAX=5.81 CM

LOCI OF ACCELERATIONS, VELOCITY AND DISPLACEMENTS

RECORD NUMBER. S-1599
 STATION MURORAN-S

EARTHQUAKE DATA

DATA AND TIME 15:25 JUNE 21, 1983

LOCATION OF HYPOCENTER

EPCENTRAL REGION W OFF N TOHOKU

LATITUDE 41.262° N

LONGITUDE 139.003° E

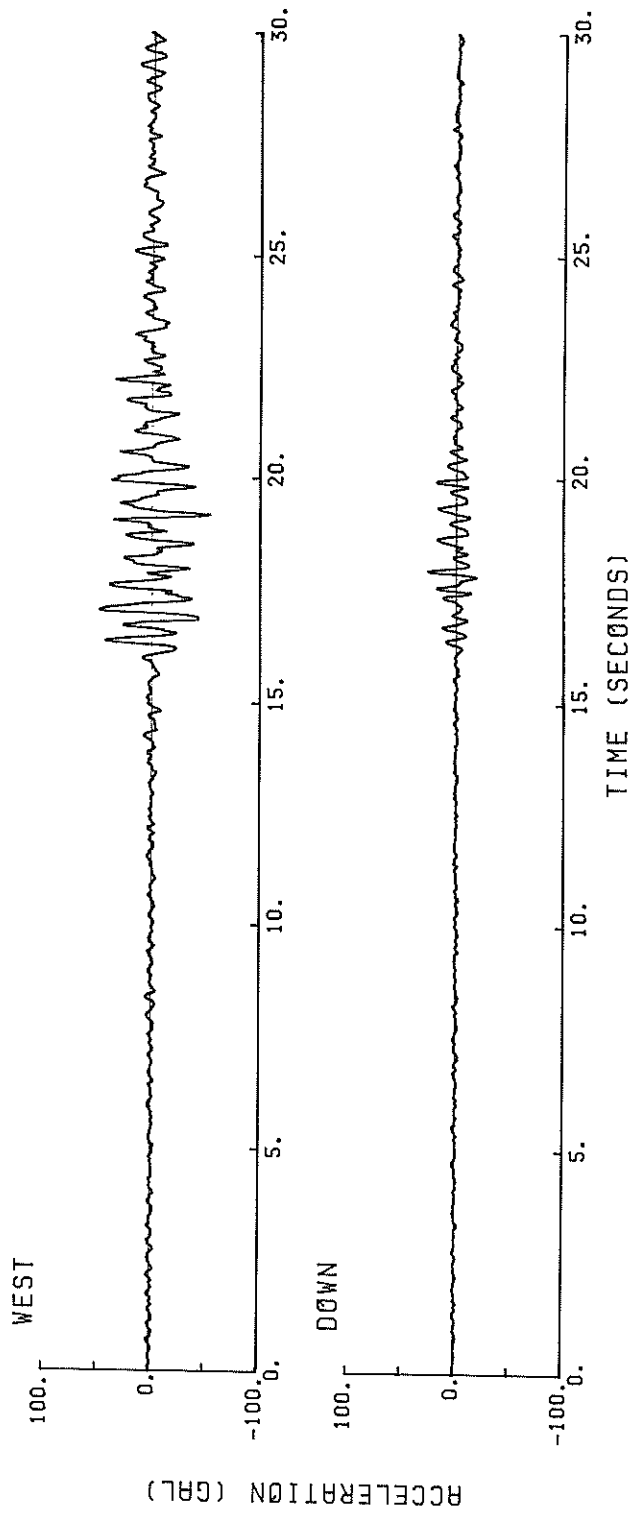
DEPTH 6 KM

MAGNITUDE 7.1

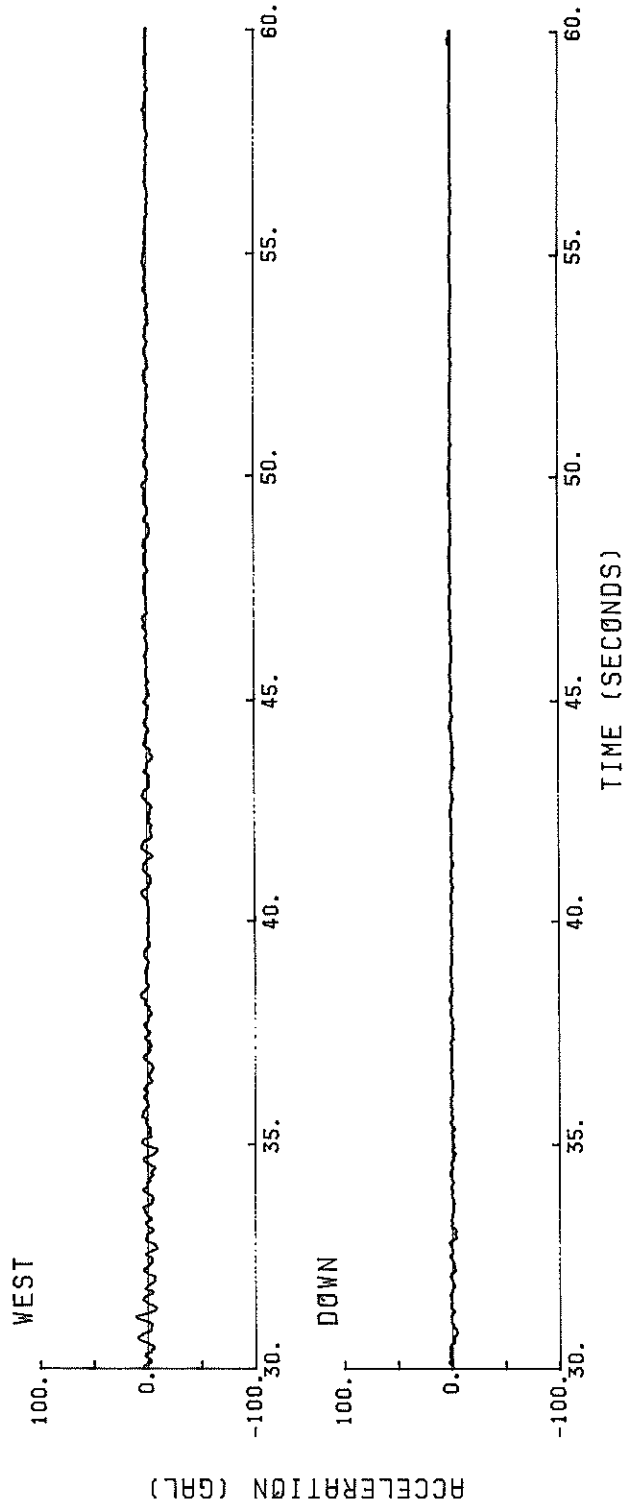
PARAMETER OF THE VARIABLE FILTER	COMPONENT		SUM OF HORIZONTAL COMPONENT
	WEST	DOWN	
FC (HZ)	0.364	0.865	
MAXIMUM ACCELERATION (GAL)			
ORIGINAL	54.7	26.1	
CORRECTED	70.9	40.3	
MAXIMUM VELOCITY (CM/SEC)			
FIXED FILTER	4.3	1.5	
VARIABLE FILTER	4.52	1.44	
MAXIMUM DISPLACEMENT (CM)			
FIXED FILTER	0.830	0.434	
VARIABLE FILTER	0.3740	0.1133	

Stylus pressure of NS insufficient.

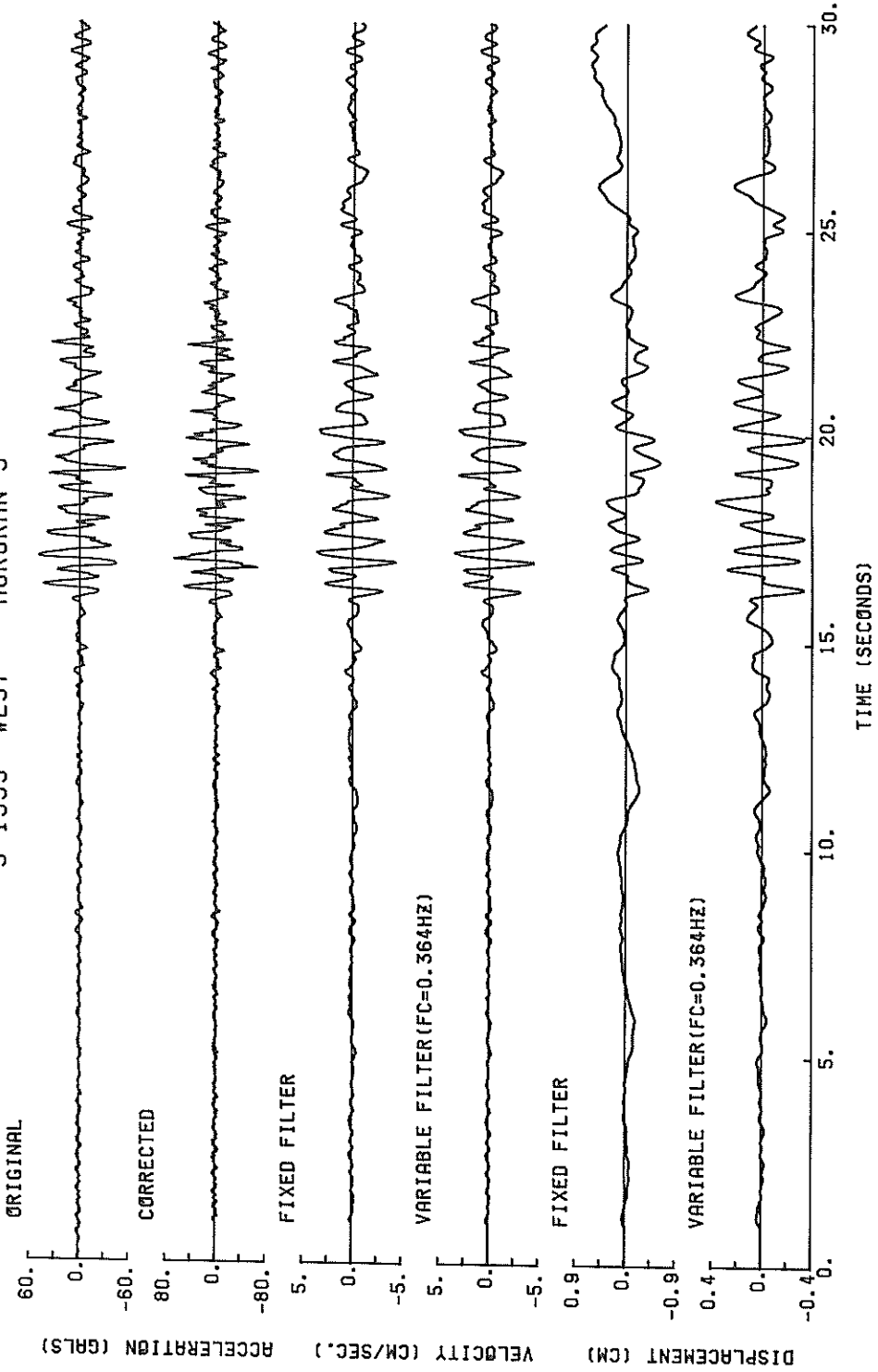
S-1599 MURØRAN-S



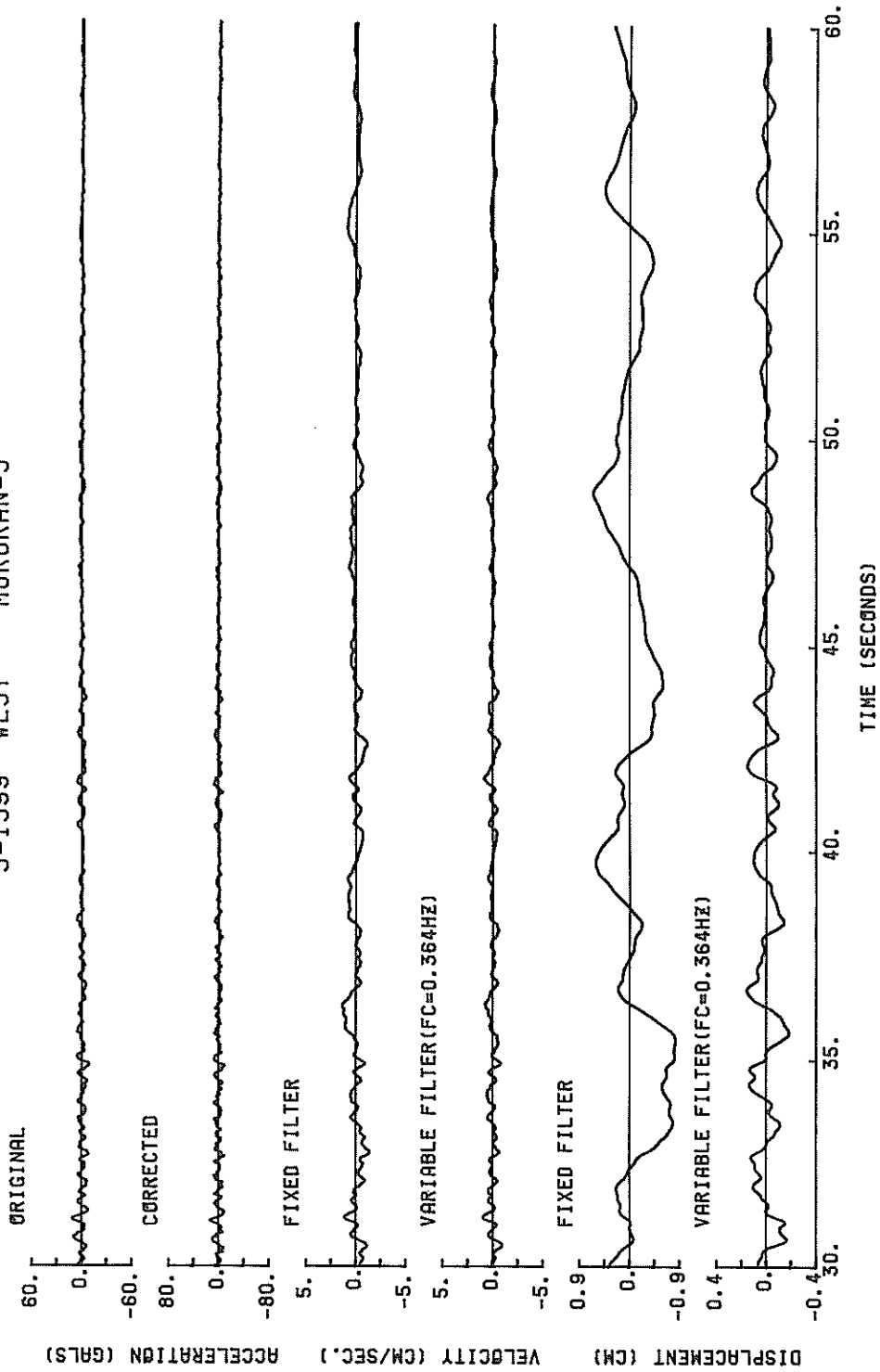
S-1599 MURORAN-S



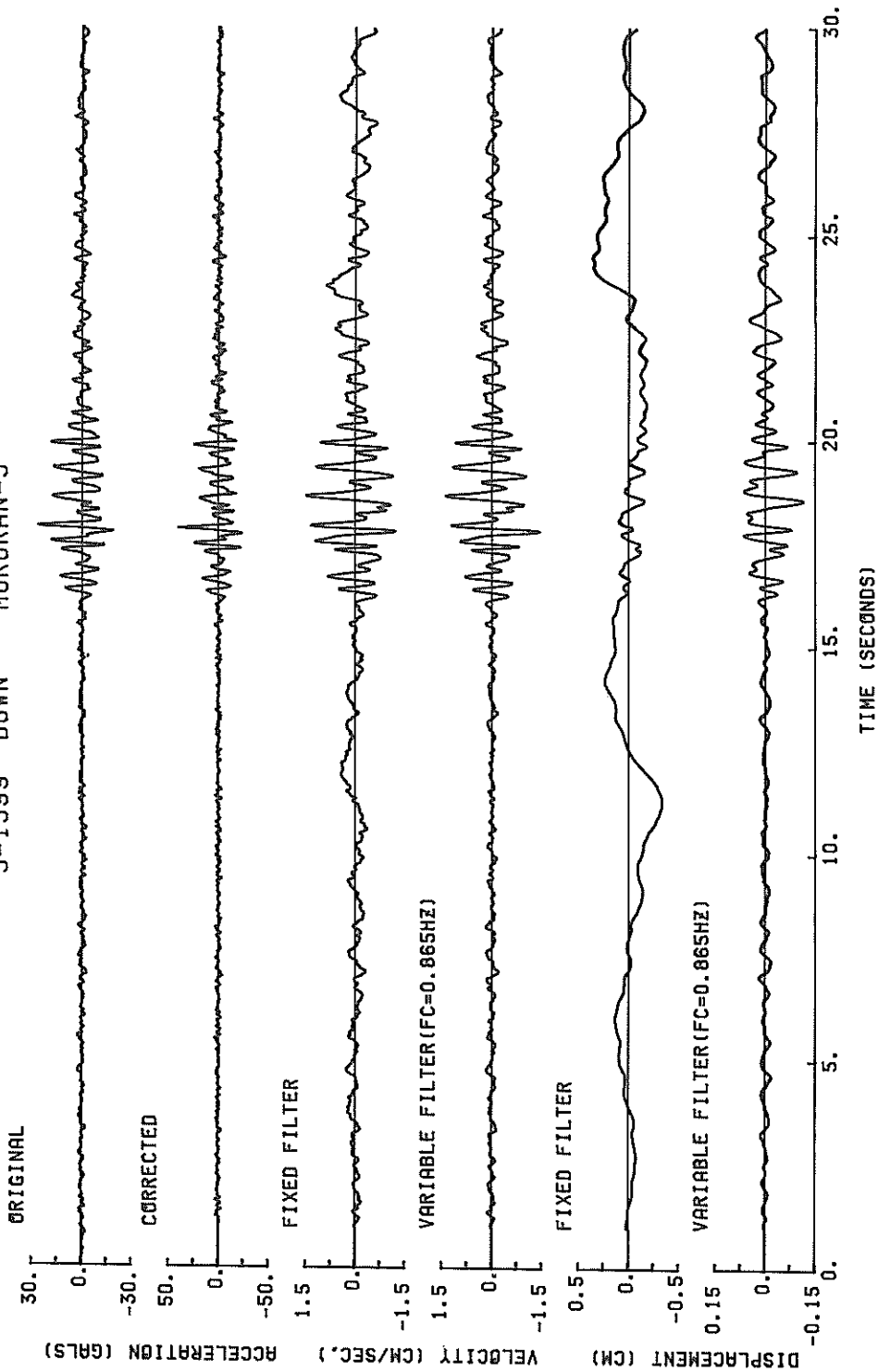
S-1599 WEST MURØRAN-S



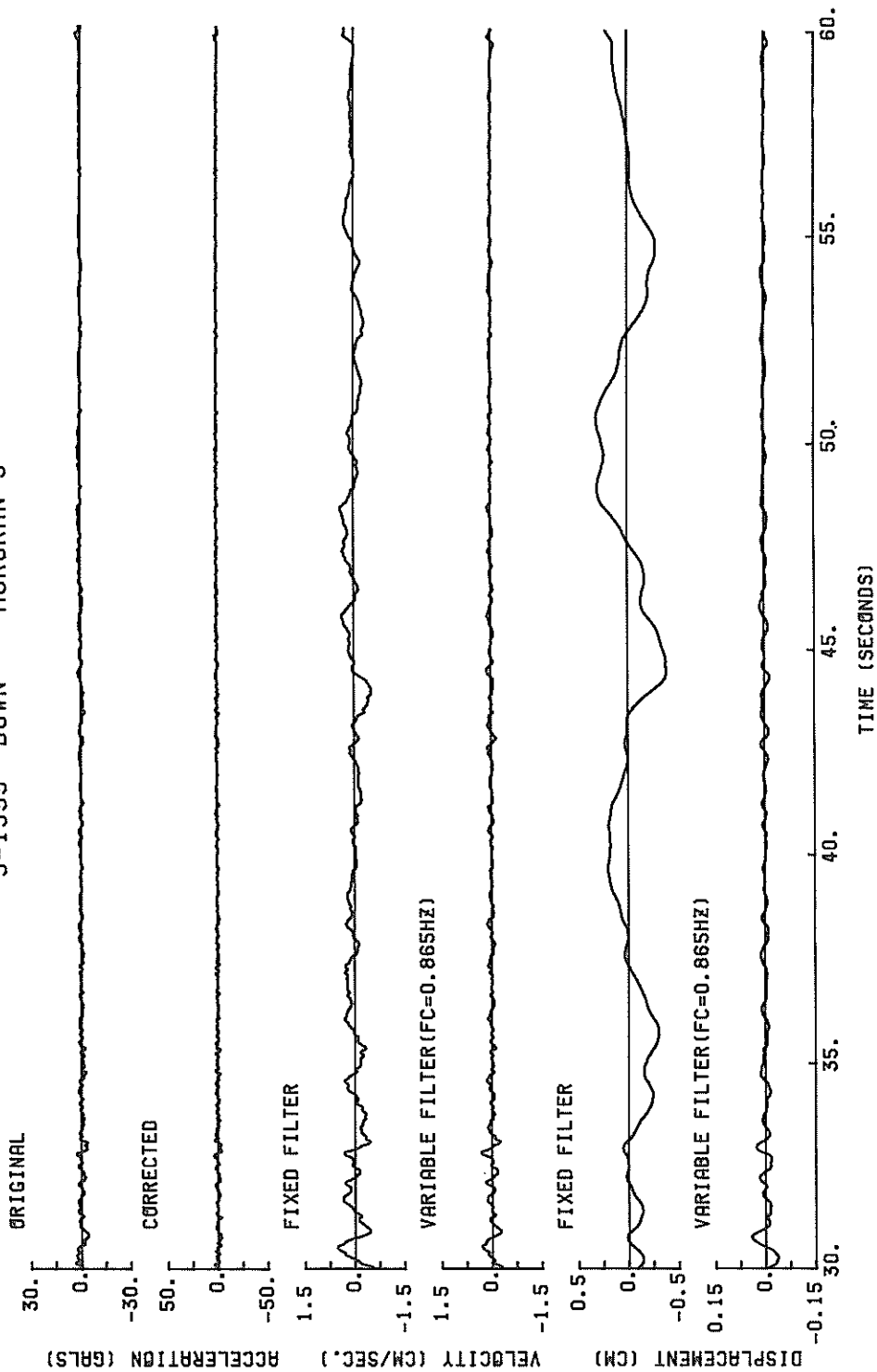
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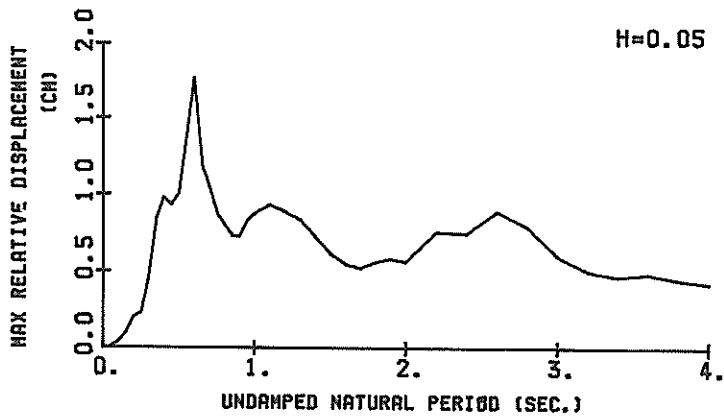
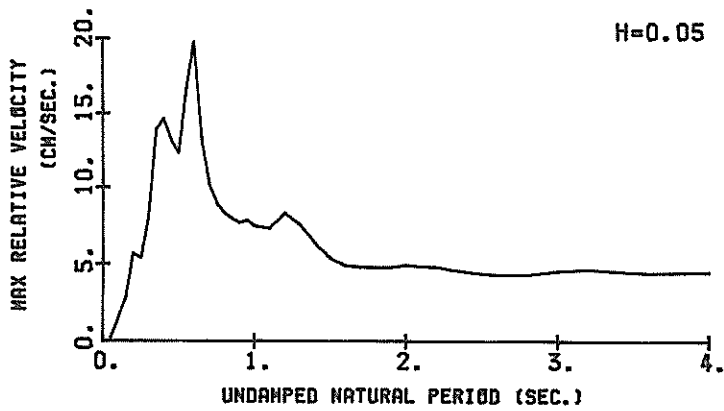
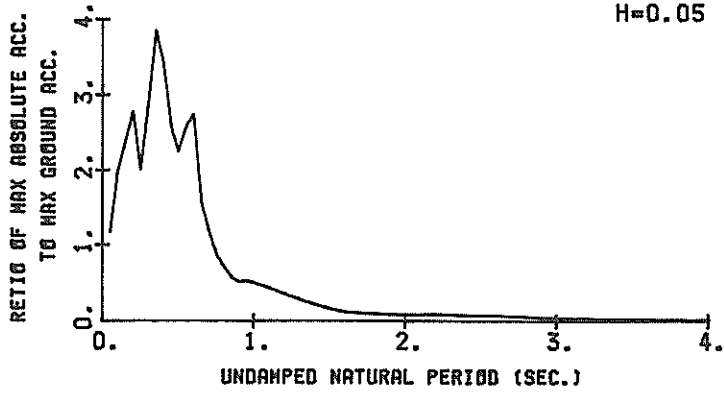
S-1599 DOWN MURÖRAN-S



S-1599 DOWN MURØRAN-S

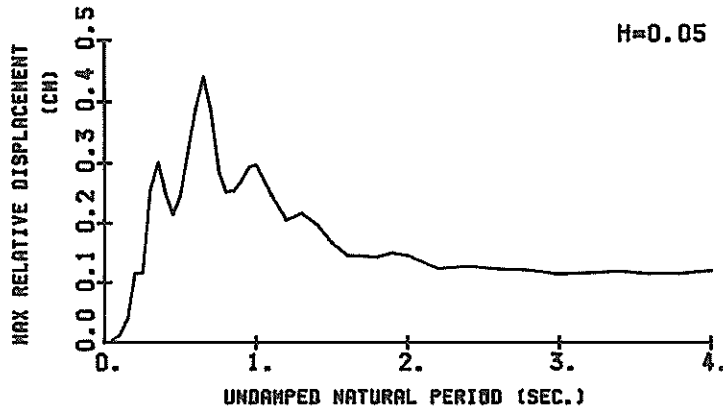
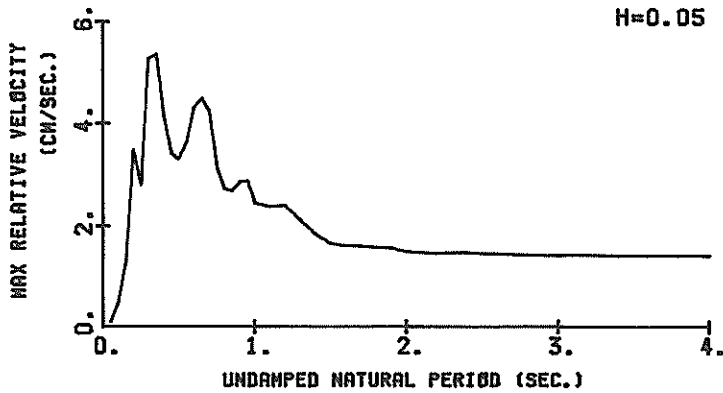
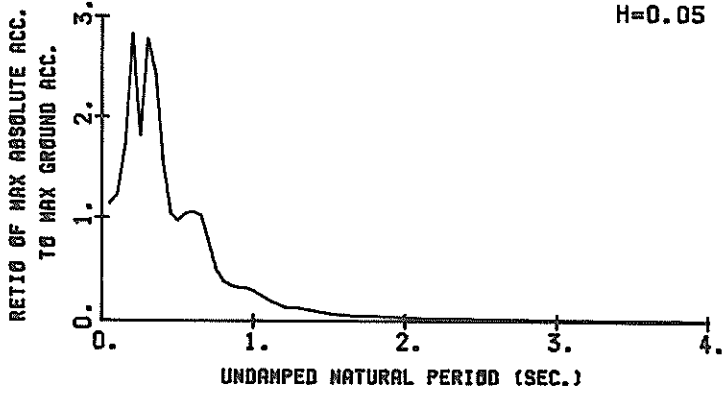


S-1599 WEST MURØRAN-S
(1/FC=2.74 SEC.)



RESPONSE SPECTRA

S-1599 DOWN MURORAN-S
(1/FC=1.16 SEC.)



RESPONSE SPECTRA

RESPONSE SPECTRUM

RECORD = S-1599 COMPONENT = WEST SIGNAL = GR. ACC. CORRECTION = MAX.GROUND ACC. = STATION = HURORAN-S
 DATE AND TIME = 1983-06-21-15-26 SAMPRING INTERVAL = 0.0100(SEC) 70.89 (GAL)
 TIME LENGTH = 60.99 (SEC) SKIPPED LENGTH = 0.00 (SEC)

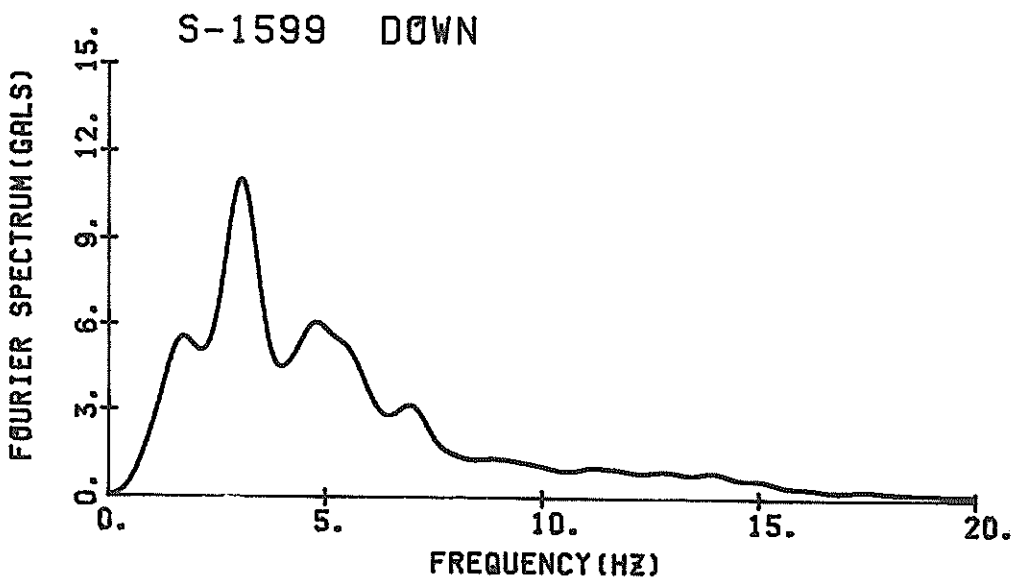
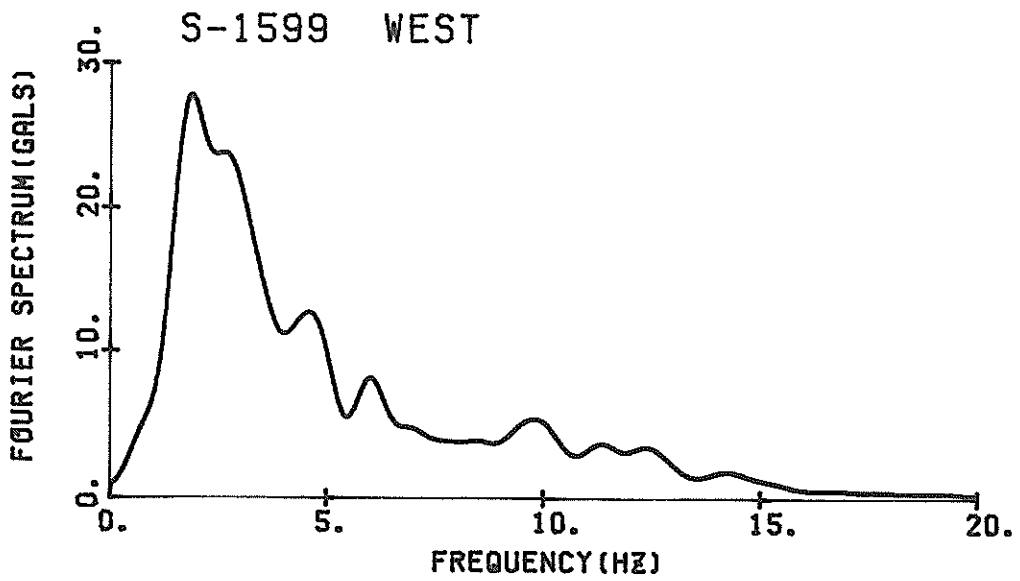
PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	88.2	0.30	0.006	83.3	0.24	0.005	83.7	0.21	0.005	82.3	0.19	0.005	79.8	0.17	0.005
0.10	529.4	8.38	0.134	158.0	1.89	0.040	140.5	1.49	0.035	121.6	1.13	0.031	105.6	0.71	0.023
0.15	190.2	4.13	0.125	188.9	3.28	0.108	169.4	2.89	0.096	141.3	2.28	0.079	105.6	1.43	0.057
0.20	312.4	9.17	0.317	239.7	7.24	0.243	196.7	5.70	0.199	154.0	4.16	0.154	113.3	2.40	0.107
0.25	335.2	13.06	0.551	184.3	6.79	0.291	142.8	5.39	0.226	114.7	3.99	0.180	103.0	2.93	0.152
0.30	657.7	21.60	1.043	249.1	10.68	0.568	202.5	7.98	0.460	166.8	6.16	0.375	114.8	4.27	0.242
0.35	501.0	20.92	1.269	345.5	17.69	0.869	282.5	13.89	0.883	201.4	10.25	0.615	116.1	5.69	0.330
0.40	421.6	20.10	1.709	298.7	17.91	1.210	243.0	14.65	0.978	174.8	10.60	0.697	103.0	5.82	0.376
0.45	399.3	20.30	2.048	215.0	15.10	1.100	182.9	13.15	0.927	145.1	9.75	0.732	86.2	5.82	0.400
0.50	496.3	39.38	3.143	202.7	15.50	1.284	160.0	12.30	1.007	129.5	9.73	0.804	83.7	5.96	0.468
0.55	416.3	36.79	3.190	239.0	21.69	1.831	183.3	16.70	1.397	122.0	10.80	0.914	75.4	6.23	0.502
0.60	510.5	49.21	4.655	283.5	27.97	2.379	194.7	19.76	1.766	119.2	12.24	1.064	64.0	6.49	0.508
0.65	190.2	22.13	2.036	133.8	16.29	1.432	111.7	13.10	1.187	86.5	10.33	0.900	58.3	6.36	0.533
0.70	135.6	16.36	1.683	99.4	12.03	1.232	84.8	10.21	1.046	68.9	8.52	0.827	52.6	6.07	0.542
0.75	97.3	12.09	1.387	64.1	9.82	0.912	61.9	8.92	0.874	56.0	8.04	0.771	46.5	6.10	0.533
0.80	72.9	11.42	1.183	54.1	8.89	0.875	50.3	8.32	0.808	45.8	7.66	0.715	40.5	6.03	0.513
0.85	105.1	14.11	1.923	44.9	8.33	0.820	40.5	7.96	0.734	39.0	7.36	0.675	37.6	5.92	0.535
0.90	55.9	8.77	1.146	39.6	7.72	0.805	36.0	7.68	0.729	36.2	7.14	0.701	35.5	5.75	0.535
0.95	55.7	9.47	1.274	39.8	8.52	0.907	36.8	7.85	0.850	34.4	7.00	0.741	33.4	5.56	0.565
1.00	39.5	8.36	1.002	37.0	7.90	0.934	35.0	7.48	0.875	32.4	6.72	0.772	31.3	5.33	0.571
1.10	64.6	11.30	1.981	33.7	7.62	1.031	30.8	7.33	0.932	27.4	6.71	0.785	27.0	5.30	0.559
1.20	44.3	10.71	1.617	31.2	9.20	1.134	24.8	8.31	0.887	20.2	7.19	0.684	22.6	5.50	0.514
1.30	61.6	12.88	2.635	24.3	7.96	1.039	19.8	7.54	0.837	15.3	6.85	0.615	18.6	5.51	0.452
1.40	27.5	7.76	1.364	16.2	6.85	0.804	15.0	6.36	0.728	13.3	6.15	0.611	15.4	5.41	0.434
1.50	22.0	5.37	1.256	12.1	5.22	0.686	11.2	5.41	0.619	10.8	5.53	0.550	13.2	5.25	0.408
1.60	18.8	4.65	0.828	9.1	4.72	0.582	8.8	4.92	0.551	8.7	5.13	0.498	11.5	5.09	0.401
1.70	18.2	5.01	1.330	8.2	4.81	0.603	7.3	4.85	0.524	7.2	4.96	0.467	10.4	4.97	0.390
1.80	18.4	5.49	1.509	8.3	4.74	0.678	7.0	4.80	0.563	6.1	4.88	0.468	9.5	4.88	0.381
1.90	15.6	4.53	1.423	9.0	4.73	0.821	6.5	4.81	0.587	5.5	4.86	0.464	8.8	4.81	0.375
2.00	12.8	5.42	1.298	6.9	5.10	0.695	5.8	4.97	0.566	5.5	4.87	0.484	8.2	4.76	0.387
2.20	12.1	4.99	1.482	8.2	4.91	1.007	6.2	4.86	0.760	4.9	4.78	0.507	7.2	4.67	0.419
2.40	12.1	4.85	1.768	9.7	4.48	1.011	5.2	4.34	0.747	4.0	4.59	0.552	6.4	4.59	0.437
2.60	12.5	5.50	2.138	7.4	4.25	1.267	5.2	4.33	0.890	4.0	4.44	0.573	5.8	4.53	0.442
2.80	10.3	4.89	2.047	5.7	4.23	1.128	4.0	4.33	0.791	3.3	4.43	0.537	5.4	4.50	0.434
3.00	3.4	4.67	0.769	3.0	4.59	0.688	2.7	4.55	0.601	2.7	4.51	0.497	5.0	4.49	0.416
3.20	3.2	5.02	0.836	2.2	4.81	0.568	2.0	4.69	0.505	2.2	4.57	0.437	4.7	4.49	0.396
3.40	2.3	4.56	0.687	1.9	4.57	0.546	1.8	4.57	0.469	2.0	4.54	0.434	4.4	4.48	0.379
3.60	2.2	4.29	0.725	1.7	4.40	0.534	1.6	4.44	0.489	1.8	4.50	0.443	4.1	4.47	0.381
3.80	1.5	4.45	0.450	1.3	4.46	0.456	1.4	4.47	0.453	1.7	4.48	0.453	3.9	4.47	0.380
4.00	1.5	4.59	0.530	1.1	4.46	0.425	1.2	4.50	0.430	1.6	4.48	0.421	3.7	4.46	0.377

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1599		COMPONENT = DOWN		SIGNAL = GR. ACC.		CORRECTION =		STATION = MUROKAW-S	
DATE AND TIME = 1983-06-21-15-26		SAMPLING INTERVAL = 0.0100(SEC)		MAX. GROUND ACC. = 40.29 (GAL)					
TIME LENGTH = 60.99 (SEC)		SKIPPED LENGTH = 0.00 (SEC)							
PER	AA	RV	RD	AA	RV	RD	AA	RV	RD
DAMPING = 0.025 DAMPING = 0.050 DAMPING = 0.100 DAMPING = 0.250									
0.05	61.4	0.21	0.004	47.3	0.11	0.003	46.1	0.10	0.003
0.10	78.5	1.08	0.020	52.2	0.54	0.013	49.2	0.48	0.012
0.15	191.9	4.59	0.109	73.6	1.49	0.042	68.9	1.32	0.039
0.20	203.3	6.48	0.206	147.2	4.44	0.149	113.8	3.48	0.115
0.25	214.1	8.52	0.339	98.2	3.73	0.155	73.1	2.80	0.116
0.30	236.5	11.56	0.539	150.4	7.18	0.342	112.0	5.27	0.255
0.35	133.9	7.78	0.416	127.1	7.38	0.394	97.9	5.36	0.301
0.40	134.2	8.57	0.544	175.9	5.06	0.306	62.6	4.15	0.252
0.45	116.8	8.47	0.599	58.3	4.42	0.298	42.1	3.42	0.215
0.50	61.1	4.84	0.387	44.8	3.88	0.284	39.2	3.30	0.247
0.55	83.7	7.21	0.641	48.7	4.10	0.372	42.0	3.64	0.320
0.60	83.3	8.56	0.759	57.7	5.59	0.525	42.7	4.31	0.387
0.65	78.7	8.15	0.842	53.9	5.73	0.576	41.4	4.49	0.440
0.70	80.1	8.97	0.994	38.1	5.15	0.472	31.3	3.24	0.386
0.75	26.7	3.55	0.381	21.1	3.25	0.299	20.3	2.13	0.287
0.80	23.9	3.26	0.388	16.5	2.76	0.266	15.7	2.73	0.252
0.85	38.7	5.29	0.708	15.6	2.80	0.286	14.0	2.69	0.254
0.90	28.2	4.08	0.579	12.2	3.10	0.312	12.3	2.83	0.270
0.95	18.9	3.18	0.433	12.4	3.22	0.352	12.9	2.88	0.293
1.00	22.1	3.62	0.560	13.6	2.59	0.344	11.8	2.46	0.297
1.10	18.6	3.25	0.571	9.8	2.48	0.300	8.2	2.38	0.247
1.20	12.9	2.88	0.471	6.4	2.60	0.234	5.7	2.42	0.205
1.30	6.0	2.08	0.258	5.6	2.14	0.237	5.1	2.13	0.217
1.40	6.7	1.89	0.233	4.3	1.86	0.212	4.1	1.86	0.198
1.50	3.9	1.52	0.220	2.9	1.61	0.167	3.0	1.67	0.167
1.60	1.9	1.52	0.126	2.2	1.61	0.140	2.3	1.63	0.146
1.70	2.2	1.64	0.161	2.0	1.62	0.148	2.1	1.62	0.145
1.80	1.5	1.57	0.121	1.7	1.60	0.139	1.8	1.60	0.143
1.90	2.0	1.66	0.183	1.8	1.60	0.160	1.7	1.58	0.150
2.00	1.6	1.44	0.159	1.5	1.49	0.152	1.5	1.52	0.146
2.20	1.0	1.42	0.126	1.0	1.46	0.116	1.1	1.48	0.123
2.40	1.0	1.52	0.142	0.9	1.50	0.131	0.9	1.49	0.127
2.60	0.7	1.44	0.115	0.7	1.45	0.122	0.8	1.46	0.123
2.80	0.7	1.46	0.131	0.6	1.45	0.124	0.7	1.45	0.121
3.00	0.5	1.42	0.107	0.5	1.43	0.110	0.6	1.44	0.114
3.20	0.4	1.47	0.115	0.5	1.46	0.116	0.5	1.45	0.116
3.40	0.4	1.46	0.130	0.4	1.45	0.123	0.5	1.44	0.119
3.60	0.3	1.43	0.108	0.4	1.45	0.113	0.4	1.43	0.115
3.80	0.3	1.45	0.109	0.3	1.44	0.113	0.4	1.44	0.113
4.00	0.3	1.45	0.130	0.3	1.44	0.124	0.4	1.44	0.120
4.20	0.3	1.45	0.145	0.3	1.44	0.124	0.4	1.44	0.120
4.40	0.3	1.45	0.159	0.3	1.44	0.124	0.4	1.44	0.120
4.60	0.3	1.45	0.173	0.3	1.44	0.124	0.4	1.44	0.120
4.80	0.3	1.45	0.187	0.3	1.44	0.124	0.4	1.44	0.120
5.00	0.3	1.45	0.201	0.3	1.44	0.124	0.4	1.44	0.120
5.20	0.3	1.45	0.215	0.3	1.44	0.124	0.4	1.44	0.120
5.40	0.3	1.45	0.229	0.3	1.44	0.124	0.4	1.44	0.120
5.60	0.3	1.45	0.243	0.3	1.44	0.124	0.4	1.44	0.120
5.80	0.3	1.45	0.257	0.3	1.44	0.124	0.4	1.44	0.120
6.00	0.3	1.45	0.271	0.3	1.44	0.124	0.4	1.44	0.120
6.20	0.3	1.45	0.285	0.3	1.44	0.124	0.4	1.44	0.120
6.40	0.3	1.45	0.299	0.3	1.44	0.124	0.4	1.44	0.120
6.60	0.3	1.45	0.313	0.3	1.44	0.124	0.4	1.44	0.120
6.80	0.3	1.45	0.327	0.3	1.44	0.124	0.4	1.44	0.120
7.00	0.3	1.45	0.341	0.3	1.44	0.124	0.4	1.44	0.120
7.20	0.3	1.45	0.355	0.3	1.44	0.124	0.4	1.44	0.120
7.40	0.3	1.45	0.369	0.3	1.44	0.124	0.4	1.44	0.120
7.60	0.3	1.45	0.383	0.3	1.44	0.124	0.4	1.44	0.120
7.80	0.3	1.45	0.397	0.3	1.44	0.124	0.4	1.44	0.120
8.00	0.3	1.45	0.411	0.3	1.44	0.124	0.4	1.44	0.120
8.20	0.3	1.45	0.425	0.3	1.44	0.124	0.4	1.44	0.120
8.40	0.3	1.45	0.439	0.3	1.44	0.124	0.4	1.44	0.120
8.60	0.3	1.45	0.453	0.3	1.44	0.124	0.4	1.44	0.120
8.80	0.3	1.45	0.467	0.3	1.44	0.124	0.4	1.44	0.120
9.00	0.3	1.45	0.481	0.3	1.44	0.124	0.4	1.44	0.120
9.20	0.3	1.45	0.495	0.3	1.44	0.124	0.4	1.44	0.120
9.40	0.3	1.45	0.509	0.3	1.44	0.124	0.4	1.44	0.120
9.60	0.3	1.45	0.523	0.3	1.44	0.124	0.4	1.44	0.120
9.80	0.3	1.45	0.537	0.3	1.44	0.124	0.4	1.44	0.120
10.00	0.3	1.45	0.551	0.3	1.44	0.124	0.4	1.44	0.120

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



FOURIER SPECTRA

RECORD = S-1567 COMPONENT = NORTH STATION = AKITA-S
 DATE AND TIME = 1983-05-26-12-00 TOTAL NUMBER OF DATA = 12050
 SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 SIGNAL = 68 ACC
 CORRECTION POINT IN DATA NUMBER = 3045, 6068, 9053, 12050

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	CONTINUED (S-1567 NORTH)										
0	1	0	-2	-4	-6	-7	-9	-11	-9	-3	490	43	10	-26	-111	-144	-219	-250	-554	-226	-177
1	1	7	13	18	17	15	14	12	9	6	500	-151	-97	-43	21	82	148	207	262	261	250
2	0	-5	-10	-15	-14	-11	-9	-7	-6	4	510	218	179	122	54	-27	-137	-196	-221	-199	12
3	0	-7	-14	-20	-24	-24	-17	-15	16	4	520	-153	-93	-38	41	91	105	88	62	39	12
4	0	6	9	10	11	12	11	9	10	7	530	-93	-67	71	-78	-56	-33	-19	6	42	68
5	0	12	14	14	14	14	12	11	9	10	540	77	46	46	14	12	-28	-28	-23	-17	-11
6	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	550	-17	-35	-55	-72	-84	-37	-86	-83	-90	-92
7	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	560	-10	-87	-71	-65	-60	-58	-40	-54	-46	-29
8	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	570	-11	-87	-71	-65	-60	-58	-40	-54	-46	-29
9	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	580	0	20	36	71	106	144	189	163	129	79
10	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	590	13	-51	-124	-179	-237	-274	-280	-281	-276	-256
11	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	600	-221	-173	-121	-73	-8	71	158	143	113	98
12	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	610	84	86	100	101	91	63	42	58	46	88
13	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	620	109	126	149	159	137	121	101	92	82	64
14	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	630	39	14	-20	-58	-71	-74	-88	-106	-134	-160
15	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	640	-177	-200	-230	-223	-200	-149	-117	-54	17	88
16	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	650	140	185	209	223	223	206	198	191	177	145
17	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	660	97	50	3	-53	-95	-80	-44	-10	26	45
18	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	670	37	22	7	-1	-2	7	25	30	15	-14
19	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	680	-53	-93	-138	-178	-226	-278	-283	-267	-217	-164
20	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	690	-105	-106	-137	-160	-166	-157	-136	-112	-89	-69
21	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	700	-14	-106	-137	-160	-166	-157	-136	-112	-89	-69
22	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	710	-66	-79	-92	-110	-128	-142	-125	-103	-77	-44
23	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	720	-82	-25	5	55	84	145	184	223	231	218
24	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	730	183	148	107	63	39	30	19	2	20	44
25	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	740	-84	-130	-169	-199	-224	-250	-237	-191	-134	-55
26	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	750	9	89	148	225	293	352	389	399	380	325
27	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	760	235	184	119	-71	-127	-151	-118	-94	-80	-71
28	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	770	-81	-86	-79	-71	-61	-38	-19	-10	3	9
29	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	780	13	11	5	0	-1	8	30	74	111	134
30	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	790	160	163	127	45	-33	-84	-117	-108	-75	-40
31	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	800	-6	22	43	45	28	-9	-39	-74	-100	-132
32	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	810	-17	-164	-119	-91	-68	-51	-43	-47	-45	-20
33	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	820	49	55	84	108	107	74	33	-7	-41	-68
34	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	830	-85	-92	-115	-142	-170	-213	-228	-208	-166	-93
35	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	840	28	157	211	203	182	96	24	32	-86	-137
36	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	850	-163	-176	-190	-207	-214	-208	-190	-172	-158	-142
37	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	860	135	-141	-133	-104	-67	-34	7	49	94	100
38	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	870	90	58	28	2	-26	-42	-45	-32	-28	-28
39	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	880	-54	-84	-121	-141	-162	-161	-138	-115	-89	-70
40	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	890	-59	-55	-65	-77	-94	-107	-106	-89	-67	-41
41	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	900	9	28	53	74	62	41	29	20	33	49
42	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	910	54	52	40	30	39	63	95	123	135	104
43	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	920	61	11	-47	-138	-176	-182	-152	-111	-102	-104
44	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	930	107	-107	-74	6	76	168	215	233	217	163
45	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	940	102	-102	-64	-118	-163	-201	-234	-242	-221	-184
46	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	950	-32	-101	-79	-52	-35	-27	-32	-37	-42	-54
47	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	960	-54	-50	-35	-17	6	28	33	26	36	85
48	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	970	-89	-57	-34	-69	-75	-68	-48	-13	36	85
49	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	980	133	177	204	227	238	231	213	189	145	97
50	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	990	67	46	38	38	34	34	19	-11	-48	-87
51	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	1000	-180	-217	-234	-238	-238	-238	-238	-215	-172	-133
52	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	1010	-72	-17	-31	59	73	76	75	64	61	61
53	0	-13	-18	-21	-22	-25	-27	-28	-28	-28	1020	49	39	24	5	-11	-26	-27	-26	-17	2

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 NORTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	20	47	74	99	141	195	228	252	243	190
1040	142	87	-1	-103	-181	-246	-264	-245	-224	-210
1050	1050	-198	-202	-217	-222	-221	-216	-219	-224	-233
1060	-252	-261	-243	-187	-106	-39	57	139	235	251
1070	211	141	95	159	26	32	57	66	52	15
1080	-19	-64	-134	-181	-194	-174	-115	-26	26	94
1090	1090	140	177	206	231	270	306	334	344	318
1100	267	219	97	-1	-100	-193	-268	-319	-320	-268
1110	-253	-174	-115	-63	-39	48	90	94	70	72
1120	73	87	105	122	133	156	126	94	57	21
1130	-17	-50	-63	-64	-69	-77	-73	-57	-36	-10
1140	21	52	63	62	55	39	15	-8	-25	-53
1150	-79	-107	-150	-186	-206	-225	-236	-228	-216	-216
1160	-217	-226	-236	-205	-167	-123	-72	-37	-16	-16
1170	1	17	64	64	79	95	105	103	93	81
1180	71	89	110	159	188	223	248	233	174	119
1190	41	-103	-242	-337	-351	-311	-239	-140	-14	-52
1200	150	242	244	213	163	87	17	-67	-136	178
1210	-192	-104	-166	-164	-95	-60	-14	45	77	97
1220	101	194	96	84	85	114	167	177	231	309
1230	263	402	428	392	342	229	34	-133	-283	-368
1240	-358	-461	-446	-387	-347	-265	-131	-74	-12	19
1250	20	1	-22	-31	-16	13	43	60	53	32
1260	11	5	25	49	65	67	48	20	-40	-102
1270	-130	-107	-68	-16	60	137	189	186	158	132
1280	91	40	40	69	98	122	133	138	130	107
1290	82	65	50	35	38	48	42	41	38	58
1300	48	78	119	151	203	236	264	280	271	235
1310	173	88	-1	-77	-179	-242	-289	-308	-282	-237
1320	-187	-123	-62	9	117	297	395	422	424	414
1330	417	441	462	491	508	512	498	459	388	260
1340	173	73	0	-37	-72	-79	-38	-15	-4	-4
1350	-34	-66	-154	-221	-314	-293	-351	-171	-88	-7
1360	67	88	56	14	-18	-70	-89	-52	10	61
1370	170	131	209	236	202	151	105	74	51	69
1380	132	221	287	315	308	275	232	141	71	38
1390	29	51	82	111	132	143	126	86	39	-19
1400	-99	-164	-233	-239	-176	-94	-9	87	214	284
1410	275	234	184	120	35	-94	-212	-283	-351	-358
1420	-319	-287	-251	-207	-179	-173	-201	-422	-292	-328
1430	-365	-393	-407	-403	-375	-339	-395	-243	-190	-139
1440	-99	-81	-73	-72	-70	-71	-61	-54	-59	-93
1450	-155	-209	-292	-390	-462	-528	-512	-458	-422	-364
1460	-247	-113	-53	-13	-26	-85	-145	-222	-330	-427
1470	-667	-674	-451	-428	-416	-402	-384	-360	-327	-295
1480	-369	-420	-202	-123	-106	-115	-143	-173	-210	-239
1490	-527	-199	-161	-127	-86	-62	-58	-55	-56	-43
1500	-27	-3	42	108	147	204	313	404	438	482
1510	492	474	412	376	335	283	243	209	167	112
1520	57	-6	-85	-146	-192	-195	-177	-86	12	119
1530	247	349	418	453	450	416	353	273	184	87
1540	4	-78	-181	-288	-378	-453	-494	-560	-613	-643
1550	-652	-632	-581	-510	-431	-321	-177	-13	123	216
1560	313	386	434	484	542	586	625	629	623	572

TO BE CONTINUED

CONTINUED(S-1567 NORTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1570	527	489	452	409	377	352	320	289	263	245
1580	234	219	202	190	177	165	167	197	261	340
1590	440	568	643	796	850	882	888	866	821	761
1600	707	661	667	696	726	744	749	743	709	684
1610	653	630	610	633	703	756	789	818	831	806
1620	771	696	617	527	412	267	133	77	3	-49
1630	-77	-76	-85	-101	-116	-131	-136	-139	-148	-154
1640	-176	-232	-268	-348	-424	-533	-605	-686	-760	-832
1650	-870	-898	-927	-960	-993	-1013	-1023	-1035	-1059	-1115
1660	-1195	-1241	-1346	-1537	-1679	-1818	-1866	-1900	-1920	-1816
1670	-1742	-1822	-1869	-1917	-1965	-1912	-860	-707	-771	-822
1680	-349	-401	-423	-453	-563	-497	-425	-376	-296	-246
1690	-207	-190	-150	-175	-141	-86	-16	69	159	257
1700	362	453	631	783	925	965	1014	1050	1082	1104
1710	1107	1074	1030	983	909	833	758	685	615	585
1720	511	462	381	287	177	83	75	126	204	308
1730	411	532	613	686	726	733	689	626	566	478
1740	334	146	-30	-193	-367	-603	-682	-833	-951	-1046
1750	-1174	-1306	-1437	-1496	-1517	-1443	-1317	-1192	-1066	-878
1760	-671	-464	-302	-193	-101	-85	-71	-57	-20	26
1770	63	82	101	76	20	-76	-148	-256	-340	-343
1780	-299	-326	-169	-67	17	109	166	183	162	146
1790	143	168	233	305	346	435	529	601	659	688
1800	662	617	568	516	458	396	453	523	631	740
1810	844	924	976	971	861	806	740	668	591	510
1820	570	625	679	711	727	744	754	783	833	919
1830	958	994	1024	1027	977	900	825	720	596	466
1840	359	282	242	241	288	353	421	473	482	425
1850	340	244	101	-69	-212	-333	-395	-415	-461	-484
1860	-550	-593	-641	-694	-725	-721	-681	-642	-616	-605
1870	-632	-703	-787	-827	-879	-920	-918	-894	-855	-785
1880	-703	-612	-514	-401	-295	-180	-53	50	129	164
1890	199	196	148	94	32	-21	-43	-30	19	90
1900	163	247	294	373	414	400	343	246	163	45
1910	-61	-171	-265	-316	-338	-321	-282	-243	-207	-163
1920	-140	-143	-161	-236	-299	-360	-439	-537	-649	-714
1930	-766	-807	-795	-746	-680	-592	-500	-400	-291	-187
1940	-80	10	66	94	88	29	-76	-179	-407	-532
1950	-635	-719	-781	-807	-817	-831	-839	-843	-836	-799
1960	-730	-628	-524	-428	-355	-221	-139	-103	-129	-180
1970	-226	-267	-274	-252	-233	-227	-226	-232	-253	-267
1980	-280	-282	-291	-313	-330	-344	-348	-315	-252	-169
1990	-42	193	467	676	814	1031	1248	1333	1367	1413
2000	1409	1365	1319	1267	1208	1142	1134	1149	1243	1275
2010	1296	1399	1289	1267	1232	1182	1124	1045	945	826
2020	669	565	424	275	125	24	13	61	93	113
2030	102	39	-51	-152	-229	-302	-415	-540	-670	-826
2040	-498	-383	-265	-175	-94	290	500	747	772	705
2050	633	538	379	149	88	72	216	356	450	498
2060	538	563	568	561	553	538	498	441	381	249
2070	56	-97	-435	-614	-749	-877	-1030	-1107	-1158	-1179
2080	-1138	-1079	-941	-752	-564	-323	-17	364	551	649
2090	646	533	320	168	34	-207	-396	-514	-614	-683
2100	-781	-870	-1039	-1182	-1296	-1388	-1428	-1382	-1298	-1189

TO BE CONTINUED

CONTINUED(S-1567 NORTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2110	-1052	-915	-741	-521	-301	-111	112	342	445	502
2120	477	399	306	204	101	-8	-114	-179	-221	-268
2130	-282	-224	-115	2	147	280	483	594	666	624
2140	561	453	314	100	7	10	84	176	282	409
2150	556	613	596	514	429	340	223	78	-14	-21
2160	-43	-82	-174	-226	-283	-332	-337	-307	-307	-21
2170	-125	-81	-102	-147	-235	-340	-409	-424	-424	-424
2180	-376	-319	-266	-221	-222	-265	-339	-426	-494	-501
2190	-450	-376	-320	-250	-224	-197	-230	-247	-239	-239
2200	-206	-167	-125	-106	-93	-113	-158	-190	-234	-270
2210	-281	-269	-210	-75	29	139	243	384	518	609
2220	674	775	916	998	1106	1169	1214	1192	1122	1003
2230	869	703	545	399	300	299	353	522	655	803
2240	986	1131	1237	1323	1375	1390	1364	1306	1205	1095
2250	970	841	730	644	595	541	484	416	290	175
2260	65	-48	-156	-255	-325	-277	-183	-86	5	101
2270	128	57	-50	-183	-352	-495	-604	-655	-654	-634
2280	-589	-528	-484	-425	-453	-562	-624	-700	-822	-958
2290	-1077	-1123	-1085	-1034	-966	-886	-797	-613	-420	-230
2300	-674	-779	-906	-1095	-1049	-1048	-985	-849	-663	-478
2310	-546	-646	-812	-1028	-1028	-1028	-1028	-1028	-1028	-1028
2320	682	804	1013	1176	1308	1404	1517	1519	1485	1430
2330	1243	1068	887	706	514	323	143	331	176	35
2340	44	-98	-131	-152	-155	-158	-168	-164	-180	-205
2350	-228	-249	-269	-289	-309	-329	-349	-369	-389	-409
2360	-533	-593	-653	-713	-773	-833	-893	-953	-1013	-1073
2370	206	206	206	206	206	206	206	206	206	206
2380	-320	-420	-520	-620	-720	-820	-920	-1020	-1120	-1220
2390	-308	-420	-520	-620	-720	-820	-920	-1020	-1120	-1220
2400	-729	-793	-799	-777	-752	-709	-682	-686	-696	-740
2410	-771	-810	-805	-782	-751	-720	-699	-688	-677	-666
2420	-651	-630	-577	-494	-406	-147	59	192	328	417
2430	441	468	501	560	617	702	847	953	1072	1099
2440	1080	1011	891	742	567	399	221	42	-77	-150
2450	-206	-159	-115	-77	-39	177	391	763	1109	1493
2460	1404	1433	1467	1433	1360	1234	1043	850	658	465
2470	299	213	139	156	238	356	433	548	641	674
2480	675	638	566	507	410	315	208	132	99	82
2490	118	133	143	107	47	-1	-70	-166	-320	-430
2500	-650	-695	-690	-645	-525	-398	-252	-150	447	447
2510	703	1083	1201	1343	1376	1339	1252	1092	868	645
2520	417	105	-165	-498	-409	-406	-317	-120	81	304
2530	537	822	947	979	955	886	701	514	305	148
2540	43	-7	-28	-14	5	16	48	108	178	280
2550	479	574	692	795	830	828	791	716	619	531
2560	431	342	237	105	-19	-105	-161	-189	-207	-223
2570	-241	-253	-264	-279	-293	-314	-338	-358	-393	-439
2580	-523	-538	-540	-506	-468	-404	-339	-297	-290	-228
2590	-399	-356	-347	-332	-302	-218	-1271	-1362	-1429	-1522
2600	-1587	-1632	-1631	-1591	-1516	-1427	-1311	-1194	-1078	-967
2610	-360	-795	-908	-827	-580	-473	-366	-287	-195	-162
2620	-129	-109	-95	-84	-86	-103	-121	-138	-161	-196
2630	-193	-174	-128	-84	-36	7	44	92	142	184
2640	282	344	430	443	431	415	401	389	405	409

TO BE CONTINUED

CONTINUED(S-1567 NORTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2650	411	361	314	280	96	-80	-206	-215	-162	-50
2660	137	292	394	581	720	807	829	838	799	744
2670	696	633	541	424	347	220	133	79	2	-97
2680	-101	-145	-229	-306	-350	-354	-269	-187	9	235
2690	454	657	765	859	881	915	921	884	867	831
2700	850	859	907	969	978	978	977	953	929	833
2710	727	607	454	259	-8	-240	-331	-405	-502	-699
2720	444	303	114	84	284	433	549	651	677	680
2730	624	507	261	261	192	-17	-202	-274	-283	-295
2740	-243	-222	-210	-207	-195	-169	-101	-40	21	21
2750	45	35	5	-66	-125	-163	-174	-173	-158	-145
2760	159	209	268	388	463	549	595	650	642	634
2770	-618	-603	-576	-568	-618	-629	-636	-643	-636	-614
2780	-374	-354	-476	-384	-269	-169	-117	-114	-133	-182
2790	-235	-254	-244	-178	-101	54	244	358	474	635
2800	708	760	749	692	627	524	349	188	27	-93
2810	155	338	596	422	-415	-399	353	-292	-230	-126
2820	-39	116	211	258	274	239	169	93	32	-8
2830	-50	115	-184	-258	-331	-426	-500	-593	-665	-717
2840	-733	-782	-815	-844	-874	-897	-883	-845	-796	-723
2850	-537	-332	-125	103	233	251	192	105	5	-64
2860	-36	28	130	250	356	573	695	873	978	1028
2870	1072	1069	1033	973	798	623	505	410	314	213
2880	117	10	-65	-137	-218	-282	-286	-291	-283	-283
2890	-297	-315	-346	-384	-412	-418	-413	-358	-286	-193
2900	-73	5	36	51	24	-25	-134	-167	-260	-329
2910	-340	-301	-219	-111	31	134	185	238	267	322
2920	387	452	552	584	581	536	467	382	180	-70
2930	-204	-327	-411	-454	-434	-370	-297	-205	-112	-67
2940	-24	43	106	187	287	400	483	539	570	566
2950	537	492	453	405	336	249	132	15	-34	-18
2960	36	85	152	275	481	536	579	551	478	428
2970	339	269	178	106	49	-4	-112	-182	-211	-239
2980	-287	-291	-295	-313	-343	-355	-376	-383	-369	-325
2990	-275	-225	-160	-102	-72	-60	-67	-104	-171	-244
3000	-316	-395	-523	-697	-830	-923	-940	-839	-747	-644
3010	-633	-602	-532	-424	-266	-158	-215	-288	-360	-423
3020	-472	-329	-247	-160	-90	-407	-309	-214	-96	42
3030	126	208	264	279	268	216	130	57	-3	-72
3040	-166	-265	-364	-450	-544	-606	-651	-641	-582	-511
3050	-419	-293	-158	-21	75	53	-30	-132	-232	-301
3060	-336	-342	-332	-309	-290	-263	-245	-221	-190	-126
3070	-89	-23	9	29	9	-30	-113	-197	-274	-303
3080	-319	-291	-240	-170	-64	-11	2	-24	-75	-143
3090	-197	-249	-271	-270	-233	-182	-120	-60	4	73
3100	128	157	167	153	128	85	36	-12	-66	-95
3110	-112	-109	-52	235	211	176	162	120	122	140
3120	287	288	265	235	211	176	162	120	122	140
3130	310	317	176	185	185	177	169	181	214	251
3140	341	378	391	351	279	162	5	-149	-316	-395
3150	-431	-404	-289	-150	12	149	213	301	373	404
3160	460	475	508	539	575	606	613	577	503	380
3170	238	92	-79	-188	-282	-353	-423	-455	-458	-423
3180	-330	-209	-82	52	215	263	320	332	282	218

TO BE CONTINUED

CONTINUED (S-1567 NORTH)										CONTINUED (S-1567 NORTH)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3190	109	-2	-78	-163	-188	-184	-142	-94	-30	15	3730	-125	-101	-94	-113	-157	-204	-244	-283	-312	-324
3200	43	45	18	-55	-98	-131	-135	-124	-71	71	3740	-310	-273	-233	-174	-92	-17	65	149	212	251
3210	129	241	334	401	394	326	205	251	-214	-84	3750	237	194	160	74	91	-23	-69	-108	-117	-109
3220	-370	-395	-331	-219	-90	21	85	106	115	128	3760	-93	-49	-52	-60	-32	-36	-60	-82	-100	-133
3230	147	201	269	331	407	475	581	622	679	679	3770	-134	-163	-167	-171	-174	-180	-187	-191	-194	-190
3240	646	599	569	481	350	225	147	52	-1	25	3780	-175	-163	-151	-142	-136	-129	-122	-117	-104	-135
3250	67	110	163	218	219	184	127	83	75	90	3790	-111	-141	-176	-204	-233	-268	-278	-256	-215	-151
3260	107	116	136	108	63	3	-52	-161	-235	-216	3800	-71	-4	53	54	8	-42	-124	-213	-301	-334
3270	-172	-119	-51	60	175	237	259	234	185	131	3810	-321	-259	-213	-136	-59	8	62	96	143	168
3280	40	-51	-120	-175	-217	-232	-213	-183	-143	-143	3820	116	69	22	-14	-11	37	80	132	171	177
3290	-128	-117	-104	-96	-100	-104	-107	-114	-117	-117	3830	172	157	151	147	139	136	127	98	62	24
3300	-104	-87	-76	-75	-68	-46	-13	27	79	141	3840	-6	-33	-59	-80	-87	-79	-52	-13	55	134
3310	217	334	450	547	620	672	652	595	446	398	3850	185	226	237	277	277	294	306	316	320	316
3320	175	-3	168	-90	-379	-635	-462	-444	-398	-337	3860	303	271	238	201	159	119	96	103	140	182
3330	-291	-254	-200	-154	-129	-99	-58	8	-9	-44	3870	203	197	159	95	30	-31	-93	-152	-280	-304
3340	-107	-209	-306	-479	-621	-731	-751	-721	-669	-601	3880	196	188	185	-187	-199	-218	-235	-253	-280	-304
3350	3340	-477	-349	-214	-70	66	174	274	375	438	3890	-317	-319	-302	-275	-252	-225	-190	-164	-146	-130
3360	502	464	409	339	274	235	267	308	360	398	3900	-121	-119	-122	-137	-156	-169	-180	-180	-190	-202
3370	435	439	415	376	338	263	138	43	-30	-140	3910	-218	-235	-251	-261	-256	-260	-249	-230	-209	-198
3380	-153	-152	-137	-128	-134	-159	-186	-215	-247	-265	3920	194	-212	-230	-232	-214	-173	-105	-36	18	101
3390	-3390	-278	-308	-326	-356	-349	-368	-369	-345	-289	3930	114	119	80	38	10	-11	-13	-18	-27	-59
3400	-130	-49	38	102	129	144	168	193	212	236	3940	-125	-172	-186	-214	-243	-298	-349	-385	-400	-398
3410	245	227	190	146	91	45	50	34	45	51	3950	-383	-345	-307	-270	-241	-213	-189	-179	-172	-182
3420	50	34	11	-13	-54	-79	-78	-44	-3	48	3960	-173	-154	-143	-143	-141	-161	-172	-177	-177	-163
3430	125	203	283	367	417	418	390	335	277	239	3970	-138	-100	-69	46	105	162	195	188	156	101
3440	217	228	277	336	405	452	476	445	333	386	3980	22	-43	-100	-110	-110	111	189	245	277	308
3450	333	295	272	268	223	227	243	245	283	286	3990	288	289	271	234	180	100	7	107	207	-207
3460	275	239	175	150	112	54	19	32	71	96	4000	-378	-429	-410	-354	-259	-180	-102	-33	17	41
3470	181	206	200	157	126	85	50	11	24	15	4010	-279	-282	-301	-316	-312	-301	-273	-218	-156	-101
3480	47	83	96	120	122	134	151	174	207	228	4020	-40	-64	-69	-83	-81	81	31	-37	-85	-166
3490	296	350	411	411	373	307	232	159	61	47	4030	-32	33	115	137	121	-81	-125	-293	-174	28
3500	67	104	148	193	229	272	309	360	381	375	4040	-273	-314	-312	-283	-240	-185	-125	-293	-278	-232
3510	339	279	220	171	102	104	137	160	172	173	4050	49	23	-23	-86	-169	-226	-275	-293	-278	-232
3520	134	85	-4	-51	-108	-124	-108	-77	-22	37	4060	-162	-95	-33	37	105	140	133	102	70	6
3530	106	144	157	162	29	-51	-158	-272	-350	-405	4070	265	291	313	334	351	369	371	376	367	351
3540	-383	-336	-292	-263	-222	-186	-173	-146	-130	-118	4080	269	263	227	190	177	145	141	154	170	163
3550	-106	-96	-81	-70	-61	-50	-46	-47	-78	-121	4090	309	263	227	190	177	145	141	154	170	163
3560	-156	-182	-244	-291	-304	-296	-280	-263	-268	-227	4100	211	230	232	217	201	181	166	155	148	193
3570	-212	-190	-159	-135	-115	-93	-75	-57	-66	-66	4110	190	224	249	275	295	306	300	278	254	225
3580	-66	-64	-62	-49	-21	12	28	39	67	90	4120	202	213	235	250	266	281	268	247	223	199
3590	110	124	134	131	122	116	113	120	169	170	4130	192	214	238	256	277	289	277	240	186	130
3600	188	184	157	101	44	-16	-86	-150	-172	-154	4140	80	38	40	80	118	155	192	213	204	168
3610	-105	-69	30	103	167	234	296	337	347	332	4150	125	84	44	17	-1	-13	-18	-9	14	42
3620	290	242	181	130	92	33	-14	-24	-17	-15	4160	66	86	114	151	173	192	214	231	246	250
3630	-13	-16	-31	-42	-43	-11	32	121	182	270	4170	227	183	134	71	15	39	-76	-55	3	70
3640	385	431	478	453	397	334	275	185	91	-9	4180	146	191	226	215	171	123	79	26	23	-59
3650	-97	-151	-203	-243	-275	-299	-305	-281	-239	-189	4190	-68	-73	-91	-113	-169	-214	-291	-365	-432	-503
3660	-103	-36	28	60	63	30	-20	-19	-131	-174	4200	-384	-381	-345	-303	-269	-202	-143	-388	-368	-376
3670	-161	-124	-83	-37	63	69	113	157	210	260	4210	-561	-558	-534	-501	-471	-442	-424	-388	-368	-376
3680	322	358	371	362	326	265	196	114	27	-170	4220	-384	-381	-345	-303	-269	-202	-143	-388	-368	-376
3690	-30	-34	-56	-95	-126	-126	-126	-126	-126	-126	4230	8	46	77	82	90	86	96	96	93	86
3700	-122	-62	12	92	168	221	239	240	188	129	4240	57	82	22	-39	-137	-166	-179	-165	-98	-64
3710	34	-6	-83	-142	-140	-108	-72	-40	-20	-27	4250	27	85	164	194	194	139	85	-53	-157	-267
3720	-64	-103	-147	-194	-227	-246	-253	-254	-229	-175	4260	-401	-427	-435	-408	-327	-229	-91	44	146	206

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 NORTH)										CONTINUED(S-1567 NORTH)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4270	272	302	295	259	219	179	145	123	104	83	4810	-132	-229	-234	-157	-110	0	91	262	352	284
4280	67	54	37	22	12	4	235	352	406	424	4820	202	105	8	106	-377	-510	-593	-663	-670	-670
4290	1	4	18	52	104	197	235	352	406	424	4830	-670	-632	-575	-514	-432	-312	-163	-35	106	260
4300	409	370	327	271	189	109	62	34	24	36	4840	392	400	351	286	229	147	67	-27	-117	-194
4310	59	91	125	174	229	274	293	292	276	251	4850	-234	-263	-296	-310	-346	-359	-360	-352	-339	-311
4320	225	193	148	101	75	51	37	25	29	51	4860	-291	-272	-240	-184	-113	-62	1	113	233	
4330	67	100	145	203	262	293	281	221	155	155	4870	336	462	537	600	703	754	671	609	488	
4340	95	27	-92	-135	-134	-102	-22	59	213	343	4880	346	163	-74	-314	-503	-617	-660	-650	-601	-526
4350	433	465	473	430	354	213	130	-26	-101	-127	4890	-469	-392	-313	-214	-94	86	368	564	680	752
4360	-132	-118	-91	-66	-44	-58	-88	-121	-164	-220	4900	774	748	686	602	529	423	291	165	64	-65
4370	-276	-312	-328	-341	-354	-364	-377	-377	-325	-212	4910	-224	-217	-160	-67	99	274	426	496	487	427
4380	-15	2	14	21	36	36	35	272	163	62	4920	345	227	28	-148	-284	-425	-565	-641	-691	715
4390	-15	43	-51	-17	29	92	143	177	213	240	4930	-659	-536	-420	-305	-186	-51	101	158	176	207
4400	284	323	365	418	453	463	442	413	367	302	4940	275	327	378	424	456	540	421	381	303	186
4410	247	191	147	120	104	89	80	74	65	81	4950	138	29	-69	-147	-156	-130	-107	-70	-43	4
4420	36	8	-26	-61	-116	-212	-280	-320	-332	-308	4960	48	78	68	53	8	-33	-92	-150	-147	-103
4430	-237	-135	-27	63	117	205	303	358	385	373	4970	-38	47	179	270	335	432	600	340	268	204
4440	344	277	179	66	-36	-91	-117	-109	-49	48	4980	162	143	134	131	131	135	165	213	259	312
4450	156	246	287	288	236	144	30	-124	-272	-365	4990	372	438	518	524	434	396	316	178	12	-152
4460	-479	-477	-381	-286	-194	-75	72	147	156	166	5000	-292	-380	-457	-467	-463	-451	-425	-392	-321	-275
4470	106	0	-99	-203	-311	-351	-364	-341	-298	-255	5010	-148	-1	121	241	358	457	518	529	508	475
4480	-222	-206	-228	-247	-259	-254	-236	-218	-197	-176	5020	448	434	443	456	446	419	369	313	245	138
4490	-175	-158	-141	-134	-133	-146	-155	-156	-167	-176	5030	0	-124	-194	-198	-159	-106	-62	-23	26	66
4500	-180	-187	-199	-204	-211	-203	-176	-108	-21	94	5040	93	103	104	93	69	45	27	-5	-42	-53
4510	182	258	368	401	422	415	367	331	265	187	5050	-59	-27	1	10	-14	-62	-134	-193	-264	-349
4520	117	57	14	-12	-25	-29	-31	-41	-51	-60	5060	-443	-570	-519	-442	-338	-217	-82	88	192	312
4530	-74	-86	-82	-58	-45	-25	-121	19	35	41	5070	389	477	508	496	464	428	379	334	257	200
4540	42	30	21	36	59	82	123	204	259	331	5080	152	81	44	-25	-77	-256	-342	-459	-559	-579
4550	373	376	314	240	73	-43	-180	-294	-391	-446	5090	-524	-500	-419	-284	-137	101	230	320	383	369
4560	-459	-457	-439	-385	-301	-192	-85	0	58	82	5100	274	188	54	-147	-252	-322	-402	-465	-496	-481
4570	73	-4	-110	-361	-543	-648	-719	-764	-766	-753	5110	-451	-402	-328	-270	-157	-62	55	173	340	475
4580	-728	-678	-580	-457	-335	-179	3	187	314	394	5120	534	528	472	417	362	282	190	225	-91	-155
4590	430	414	378	312	137	47	-26	-60	-67	-57	5130	-142	-74	28	163	329	322	669	749	755	734
4600	-28	0	16	14	1	-21	-46	-65	-82	-96	5140	666	557	479	424	364	281	204	107	2	-90
4610	-117	-130	-131	-108	-78	-50	-13	34	58	57	5150	-121	-88	-42	19	117	213	290	339	327	276
4620	47	25	-5	-34	-65	-93	-64	-2	105	272	5160	208	133	59	-19	-89	-165	-199	-161	105	-60
4630	352	422	444	414	368	319	265	222	140	112	5170	-22	10	5	-50	-124	-181	-255	-337	-435	-528
4640	90	89	51	13	64	77	102	130	150	173	5180	-611	-634	-593	-535	-474	-388	-299	-223	-210	-267
4650	195	201	189	134	82	10	-50	-140	-172	-145	5190	-330	-417	-526	-607	-61	-608	-547	-455	-310	-170
4660	-146	-126	-119	-103	-100	-100	-101	-107	-121	-156	5200	-89	-53	-33	-27	4	54	122	172	12	172
4670	-209	-236	-259	-264	-251	-189	-115	-68	20	21	5210	327	280	310	306	246	215	147	51	-43	-231
4680	101	212	320	418	519	560	582	597	595	572	5220	-392	-521	-611	-634	-584	-507	-432	-332	-202	-71
4690	522	473	424	383	323	260	198	151	120	105	5230	-2	31	21	-12	-16	-221	-305	-418	-490	-514
4700	97	94	91	86	72	57	30	-6	38	-85	5240	-478	-399	-305	-237	-168	77	199	293	371	418
4710	-183	-294	-376	-365	-312	-235	-137	-27	97	207	5250	441	471	515	568	638	708	753	770	759	719
4720	242	212	148	78	19	-43	-78	-61	-22	20	5260	642	531	377	179	41	-53	-70	2	91	186
4730	72	121	122	76	17	-50	-154	-303	-406	-469	5270	291	343	315	248	137	63	-32	-126	-163	-126
4740	-383	-309	-309	-200	-173	50	172	298	385	401	5280	-81	-32	17	74	122	137	119	70	-7	-79
4750	379	345	321	310	304	290	264	240	212	159	5290	-155	-276	-418	-561	-519	-378	-549	-501	-599	-318
4760	34	-32	-122	-208	-289	-359	-370	-325	-242	-129	5300	-196	-97	-30	0	-39	-85	-155	-221	-282	-334
4770	-1	80	208	237	250	169	84	-37	-153	-260	5310	-366	-373	-350	-325	-318	-318	-320	-340	-366	-401
4780	-398	-460	-486	-468	-411	-342	-250	-118	-19	-69	5320	-454	-487	-518	-519	-485	-614	-309	-198	-99	-21
4790	-140	-198	-277	-410	-525	-589	-596	-549	-493	-428	5330	30	48	28	34	66	42	81	96	101	103
4800	-340	-225	-94	-10	104	154	151	105	51	-22	5340	83	68	54	55	67	106	142	209	255	299

TO BE CONTINUED

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CONTINUED(S-1567 NORTH)

CONTINUED(S-1567 NORTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5350	338	386	398	385	367	340	286	219	183	172
5360	202	218	223	230	247	266	322	335	415	490
5370	584	570	749	769	732	681	685	555	449	285
5380	216	140	100	82	56	12	-31	-101	-192	-267
5390	-304	-295	-249	-205	-130	-80	-49	-97	-138	-228
5400	-326	-423	-480	-515	-536	-544	-551	-553	-535	-504
5410	-470	-408	-296	-219	-94	-2	64	104	150	226
5420	-340	-464	-556	-620	640	605	502	320	209	51
5430	-94	-191	-258	-301	331	-382	-429	-660	-475	-452
5440	-382	-278	-157	-44	50	116	165	353	136	99
5450	39	-63	-184	-271	-330	-385	-386	-353	-314	-277
5460	-244	-325	-251	-284	-313	-359	-358	-354	-296	-213
5470	-113	-21	7	3	-28	-81	-162	-250	-310	-316
5480	-283	-121	-45	126	310	486	643	784	871	917
5490	937	927	875	784	645	543	414	233	46	23
5500	-113	-140	-118	-42	77	121	151	183	205	194
5510	18	13	4	15	-84	-143	-158	-128	-44	94
5520	155	84	42	345	377	384	367	293	248	190
5530	282	345	377	384	367	327	293	248	190	144
5540	97	61	47	43	64	85	79	37	-4	-47
5550	-167	-225	-254	-254	-218	-164	-119	-22	52	108
5560	153	178	193	187	177	179	186	198	222	223
5570	216	193	154	76	-16	-88	-124	-125	-99	-59
5580	-19	17	141	37	6	-117	-221	-314	-360	-380
5590	-385	-305	-228	-131	-65	-55	-89	-149	-193	-232
5600	-244	-205	-111	14	119	164	177	159	98	-5
5610	-80	-125	-174	-201	-204	-196	-192	-210	-256	-291
5620	-334	-409	-470	-572	-600	-595	-556	-455	-339	-208
5630	-77	11	50	78	86	64	43	7	-31	-133
5640	-191	-253	-322	-339	-335	-305	-245	-175	-118	-51
5650	-10	19	52	87	122	132	140	163	188	210
5660	231	253	282	293	304	298	297	302	319	332
5670	360	396	439	501	545	592	630	632	610	555
5680	453	304	177	41	-15	-19	-4	78	151	197
5690	261	333	380	415	431	438	440	455	461	450
5700	422	386	326	228	129	74	46	26	69	141
5710	224	333	388	428	511	508	446	388	282	114
5720	-47	-204	-335	-453	-533	-563	-591	-596	-570	-524
5730	-476	-415	-338	-285	-176	-112	-91	-97	-130	-161
5740	-185	-222	-257	-270	-264	-241	-222	-208	-186	-161
5750	-138	-115	-87	-82	-67	-48	-27	-5	33	75
5760	101	110	84	42	0	-73	-100	-126	-141	-116
5770	-80	-49	-37	-42	-31	-34	-17	0	8	-2
5780	-29	-65	-128	-181	-256	-338	-374	-393	-379	-352
5790	-316	-270	-189	-185	-211	-239	-257	-269	-238	-207
5800	-311	-258	-212	-163	-128	-97	-76	-122	-169	-238
5810	-315	-407	-490	-550	-579	-566	-498	-381	-230	-79
5820	45	113	172	185	165	163	120	84	118	113
5830	-157	-254	-314	-353	-374	-382	-385	-393	-414	-443
5840	-458	-448	-399	-285	-101	35	241	550	569	637
5850	658	633	575	501	413	291	156	86	97	126
5860	153	180	204	203	169	106	47	4	-23	4
5870	75	140	194	248	269	234	179	99	22	-26
5880	-67	-60	-19	26	55	67	72	72	92	119
5890	145	179	215	225	206	149	73	2	-91	-237
5900	-373	-438	-467	-434	-356	-292	-250	-250	-210	-316
5910	-265	-318	-373	-415	-464	-473	-455	-368	-282	-209
5920	-144	-112	-99	-93	-64	-41	18	37	87	127
5930	225	312	344	342	307	246	102	7	-101	-188
5940	-225	-224	-153	-106	-49	19	29	-7	-66	-187
5950	-241	-292	-319	-257	-155	-101	25	173	258	295
5960	318	316	335	312	289	233	181	135	71	20
5970	-12	-4	56	100	166	223	279	301	283	239
5980	247	243	257	293	304	285	246	185	101	-16
5990	-133	-245	-287	-327	-353	-334	-277	-161	-41	75
6000	212	303	320	272	151	8	-102	-221	-345	-561
6010	-338	-322	-315	-320	-326	-324	-321	-286	-243	-170
6020	-102	-40	26	88	146	174	186	223	254	273
6030	286	280	279	251	213	176	139	101	89	90
6040	122	201	279	350	450	533	566	551	538	484
6050	399	292	152	1	-79	-84	-27	26	84	128
6060	190	286	354	387	383	355	301	232	141	56
6070	-102	-210	-246	-296	-307	-285	-264	-245	-223	-198
6080	-175	-143	-163	-164	-172	-183	-193	-189	-156	-100
6090	-62	-13	98	118	95	60	0	-1	11	44
6100	70	106	141	141	102	56	-79	-183	-273	-348
6110	-346	-301	-256	-177	-134	-83	-26	28	50	57
6120	61	71	79	81	61	22	-32	-107	-197	-326
6130	-428	-482	-464	-412	-313	-255	-193	-122	-47	26
6140	92	142	176	196	189	156	103	63	2	-53
6150	-94	-131	-144	-144	-136	-112	-66	5	71	160
6160	257	367	454	477	455	411	355	294	249	222
6170	204	191	175	154	129	107	78	49	34	17
6180	1	-6	-12	-7	20	65	109	146	183	206
6190	183	113	35	2	-26	-62	-73	-46	3	74
6200	137	195	210	233	229	218	209	223	236	268
6210	263	244	251	219	184	156	131	115	158	183
6220	196	182	140	103	116	-28	-114	-145	-122	-66
6230	-24	6	80	132	185	211	206	168	103	45
6240	-6	-81	-146	-193	-203	-169	-137	-114	-98	-90
6250	-91	-134	-187	-229	-275	-330	-406	-485	-525	-541
6260	-526	-484	-421	-352	-303	-264	-218	-164	-129	-97
6270	-61	-17	16	38	62	72	23	-47	-118	-210
6280	-289	-378	-454	-479	-484	-480	-473	-462	-450	-428
6290	-392	-360	-315	-236	-138	-45	29	83	105	102
6300	94	91	101	122	145	174	206	230	245	244
6310	227	207	183	152	112	71	44	35	57	95
6320	132	168	206	235	259	280	300	336	411	494
6330	539	566	585	584	559	520	468	430	415	417
6340	439	435	427	401	368	338	304	262	224	182
6350	133	124	118	117	118	117	113	113	113	113
6360	111	102	75	48	22	-16	-68	-129	-209	-271
6370	-378	-459	-485	-472	-432	-381	-307	-199	-75	96
6380	-142	123	51	-13	-85	-219	-304	-369	-376	-340
6390	-278	-203	-112	23	147	249	309	311	238	157
6400	63	-32	-137	-253	-277	-282	-290	-292	-299	-299
6410	-302	-310	-313	-311	-309	-293	-245	-200	-166	-125
6420	-97	-80	-62	-51	-51	-29	6	41	66	84

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 NORTH)										CONTINUED(S-1567 NORTH)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6430	91	77	38	-20	-75	-126	-163	-174	-140	-101	5970	-87	-76	-60	-43	-18	-4	19	27	8	-30
6440	-69	15	37	62	59	35	-6	-55	-106	-134	6980	-85	-155	-192	-235	-274	-301	-296	-247	-159	-110
6450	-124	-103	-113	-154	-193	-224	-250	-273	-288	-288	6990	58	-2	172	135	180	176	176	141	110	90
6460	-285	-215	-195	-106	-74	-49	-18	-4	-30	-49	7000	88	108	136	163	187	209	226	230	221	214
6470	-80	-58	-26	-33	27	67	97	112	111	77	7010	210	206	203	200	192	175	145	109	68	16
6480	22	-16	-60	-99	-114	-100	-76	-45	-3	27	7020	-42	104	-160	-195	-229	-256	-275	-275	-239	-216
6490	55	85	107	130	162	205	250	295	337	385	7030	-200	-180	-150	-128	-114	-98	-76	-48	-19	18
6500	403	418	415	391	364	326	286	227	196	167	7040	73	130	178	219	256	274	271	248	227	207
6510	123	85	58	10	-24	-66	-100	-86	-37	9	7050	183	176	165	152	136	118	103	80	60	55
6520	67	108	133	146	134	92	69	57	48	44	7060	64	84	110	135	168	155	165	181	188	188
6530	21	0	-28	-81	-139	-195	-236	-260	-271	-239	7070	189	202	221	229	228	220	206	195	184	176
6540	-169	-117	-37	48	115	147	174	159	101	45	7080	174	173	173	174	177	177	177	177	175	169
6550	7	-53	-98	-157	-212	-231	-237	-222	-178	-134	7090	153	153	130	84	53	-5	-45	-55	-22	29
6560	-94	-67	-32	-20	-13	-3	16	50	90	135	7100	82	126	166	211	244	257	264	271	265	271
6570	204	266	304	333	339	303	254	188	107	20	7110	278	266	254	237	208	183	149	111	62	37
6580	-67	-142	-198	-248	-275	-248	-178	-95	-10	53	7120	9	16	9	0	-7	-14	-33	-59	-92	-112
6590	130	-138	-141	-66	-16	30	83	92	67	18	7130	-102	-75	-49	-24	8	34	44	42	20	-16
6600	-133	-158	-141	-66	-16	30	83	92	67	18	7140	-37	-47	-43	-33	-21	-9	-11	-8	-29	-50
6610	-16	-25	-23	3	31	37	15	-18	-66	-126	7150	-70	-89	-107	-122	-134	-147	-158	-174	-186	-182
6620	-180	-225	-266	-297	-296	-275	-251	-222	-189	-159	7160	-171	-156	-138	-103	-79	-56	-36	-36	-22	-9
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6640	-228	-245	-257	-268	-278	-277	-260	-250	-158	-79	7180	-124	-99	-74	-57	-50	-55	-62	-68	-68	-68
6650	-46	27	114	127	139	107	58	17	-10	-26	7190	-74	-84	-100	-117	-143	-170	-202	-241	-274	-293
6660	-10	29	68	123	162	198	224	270	294	313	7200	-310	-325	-329	-313	-291	-273	-257	-241	-228	-221
6670	325	319	399	261	204	160	102	21	-41	-41	7210	-231	-245	-257	-266	-269	-260	-244	-229	-221	-214
6680	-123	-184	-235	-194	-399	-405	-414	-416	-416	-405	7220	-211	-217	-213	-196	-170	-140	-90	-58	-2	24
6690	-390	-375	-347	-323	-319	-320	-326	-324	-311	-287	7230	33	22	0	-28	-52	-73	-82	-102	-87	-69
6700	-254	-240	-208	-178	-161	-155	-147	-131	-114	-83	7240	-60	-48	-42	-42	-48	-54	-56	-61	-54	-46
6710	-42	10	60	97	123	175	226	253	272	277	7250	-29	5	30	57	94	115	126	131	120	107
6720	275	227	275	282	289	307	328	338	340	324	7260	95	77	60	40	8	-18	-34	-34	-23	17
6730	292	227	137	102	40	0	-15	-31	-41	-44	7270	47	82	114	131	135	126	117	101	85	86
6740	-51	-56	-54	-38	-38	-17	-9	-11	-31	-65	7280	92	93	100	100	89	80	75	82	94	112
6750	-101	-130	-136	-122	-99	-77	-56	-38	-24	-27	7290	135	152	167	177	187	192	189	175	168	160
6760	-48	-74	-95	-117	-132	-137	-127	-99	-69	-58	7300	148	135	123	116	110	112	116	121	126	128
6770	-5	43	93	117	132	130	121	110	112	116	7310	126	117	110	102	91	88	92	100	107	113
6780	116	114	108	90	72	52	34	12	-9	-28	7320	119	118	111	102	80	46	14	-27	-67	-98
6790	-56	-62	-66	-88	-91	-92	-97	-98	-98	-97	7330	-104	-85	-55	-26	-3	34	51	45	19	-48
6800	-95	-91	-99	-90	-92	-98	-115	-142	-166	-211	7340	-169	-142	-121	-103	-90	-24	-240	-231	-214	-191
6810	-241	-269	-298	-329	-335	-317	-288	-243	-148	-76	7350	-148	-132	-118	-98	-75	-58	-39	-20	-19	-27
6820	10	95	195	222	206	150	83	17	-33	-30	7360	-148	-132	-118	-98	-75	-58	-39	-20	-19	-27
6830	-14	45	101	151	200	237	258	273	300	317	7370	-34	-41	-44	-46	-51	11	35	46	67	76
6840	328	338	354	355	318	292	255	235	231	198	7380	59	54	38	35	33	27	27	44	48	49
6850	185	174	141	148	133	123	119	118	120	128	7390	57	48	34	27	18	9	-3	-11	-12	6
6860	132	134	143	150	157	168	181	196	215	227	7400	9	17	39	46	20	21	10	7	3	-11
6870	228	224	207	183	164	134	151	169	198	241	7410	-20	-13	-2	12	25	33	35	40	43	39
6880	276	297	314	317	298	261	216	175	135	98	7420	26	19	28	29	40	62	89	117	133	137
6890	71	51	28	8	-11	-27	-36	-36	-23	-5	7430	127	117	98	66	29	-11	-34	-43	-39	-18
6900	7	7	-14	-51	-100	-158	-218	-285	-351	-410	7440	123	63	102	137	160	178	191	189	181	176
6910	-434	-456	-423	-394	-364	-337	-319	-303	-291	-289	7450	180	193	212	217	205	189	180	172	159	138
6920	-295	-297	-293	-289	-288	-291	-308	-333	-350	-364	7460	114	95	89	91	105	113	115	111	105	103
6930	-380	-392	-399	-401	-398	-399	-400	-403	-408	-407	7470	99	89	82	69	62	60	60	61	67	75
6940	-394	-374	-343	-333	-339	-351	-345	-331	-311	-271	7480	84	99	115	128	137	146	150	148	142	136
6950	9	-28	-83	-100	-131	-146	-140	-131	-120	-109	7490	124	118	100	87	86	94	96	98	103	104
6960	-104	-105	-112	-122	-123	-125	-121	-117	-107	-96	7500	106	106	106	106	107	110	115	114	113	113

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1567 NORTH)										CONTINUED (S-1567 NORTH)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7510	112	104	101	90	77	73	62	50	45	45	8050	37	30	23	12	0	-9	-14	-25	-33	-13
7520	44	43	36	26	30	33	33	47	48	51	8060	-3	9	16	13	0	-6	-23	-42	-65	-83
7530	52	54	57	61	67	76	91	93	85	69	8070	-103	-118	-111	-94	-68	-46	-20	0	12	26
7540	55	47	28	17	10	8	4	4	19	22	8080	34	31	28	23	1	16	198	216	216	224
7550	25	33	38	41	43	45	46	42	36	27	8090	94	117	132	158	167	182	182	205	203	202
7560	19	17	17	17	20	28	39	46	51	69	8100	231	232	231	227	221	217	212	215	209	202
7570	76	74	65	59	61	71	80	84	92	101	8110	198	198	203	210	219	230	216	215	209	202
7580	98	95	96	97	96	90	81	78	75	73	8120	195	185	170	157	141	131	115	100	100	102
7590	66	64	72	85	93	107	132	160	180	195	8130	105	105	111	117	120	129	133	131	123	118
7600	214	219	208	194	173	148	120	91	68	52	8140	112	96	81	77	69	60	49	36	23	16
7610	50	65	90	118	149	183	209	234	247	231	8150	9	4	6	11	19	34	42	52	65	78
7620	210	186	163	141	116	92	33	93	100	101	8160	88	94	90	97	98	109	117	115	111	107
7630	93	85	61	44	42	35	22	29	40	42	8170	105	106	103	97	91	87	89	95	101	107
7640	48	50	44	42	39	40	48	59	69	81	8180	116	130	142	157	172	181	183	172	169	157
7650	88	88	87	87	83	76	75	66	54	45	8190	145	136	126	113	105	104	100	95	91	88
7660	38	38	28	15	5	-3	-3	-11	-21	-21	8200	86	83	79	76	74	74	76	76	68	64
7670	-17	-14	-15	-21	-27	-38	-47	-56	-66	-77	8210	90	58	55	54	50	45	39	34	31	29
7680	-84	-78	-77	-76	-75	-64	-47	-32	-20	-10	8220	18	10	7	14	20	23	26	28	30	33
7690	0	-9	-38	-50	-59	-73	-91	-104	-106	-105	8230	32	21	15	13	0	-10	-19	-24	-13	-7
7700	-124	-131	-132	-136	-145	-158	-169	-185	-185	-194	8240	6	15	16	23	23	32	28	28	28	29
7710	-209	-220	-223	-228	-228	-221	-210	-196	-180	-157	8250	30	30	16	4	-8	-9	-13	-14	-18	-19
7720	-141	-128	-117	-105	-102	-97	-94	-90	-87	-82	8260	-22	-24	-19	-18	-23	-23	-25	-29	-35	-42
7730	-82	-87	-90	-94	-100	-89	-72	-61	-52	-47	8270	50	58	66	71	71	68	67	68	72	75
7740	-46	-45	-46	-46	-46	-54	-62	-64	-67	-71	8280	25	32	36	37	37	37	30	30	18	8
7750	-81	-93	-106	-118	-119	-113	-104	-94	-77	-65	8290	-24	-33	-39	-44	-44	-44	-44	-44	-44	-44
7760	-53	-29	-15	-17	-23	-39	-58	-73	-80	-84	8300	73	66	7	20	36	51	54	61	66	65
7770	-77	-59	-44	-34	-29	-33	-45	-54	-54	-59	8310	54	42	36	25	11	0	-8	-18	-22	-19
7780	-68	-71	-62	-48	-44	-45	-46	-46	-47	-52	8320	-9	-5	0	8	20	28	26	16	1	-17
7790	-53	-60	-63	-66	-74	-78	-79	-84	-84	-100	8330	-60	-66	-92	-108	-116	-114	-113	-116	-118	-126
7800	-108	-113	-126	-133	-145	-159	-175	-179	-184	-208	8340	-135	-145	-155	-151	-131	-114	-96	-83	-74	-66
7810	-223	-234	-239	-256	-271	-274	-272	-272	-273	-278	8350	-57	-49	-47	-46	-40	-39	-43	-46	-49	-50
7820	-235	-245	-255	-266	-270	-271	-263	-268	-268	-218	8360	-52	-48	-33	-27	-26	-16	-8	-3	4	10
7830	-206	-197	-189	-182	-182	-182	-182	-182	-177	-173	8370	8	11	12	18	23	30	35	40	46	52
7840	-174	-176	-183	-183	-183	-183	-182	-182	-182	-208	8380	55	54	51	47	45	41	28	11	-7	-23
7850	-208	-187	-169	-153	-134	-126	-117	-115	-121	-122	8390	-33	-56	-52	-46	-37	-34	-29	-23	-20	-28
7860	-115	-110	-96	-76	-63	-54	-46	-44	-53	-64	8400	-38	-46	-50	-61	-74	-82	-83	-67	-57	-57
7870	-75	-81	-88	-101	-106	-114	-118	-126	-141	-145	8410	-45	-54	-59	-52	-48	-45	-47	-51	-47	-51
7880	-145	-146	-154	-162	-168	-172	-173	-169	-160	-151	8420	-61	-65	-59	-52	-48	-45	-47	-54	-60	-65
7890	-145	-140	-132	-126	-125	-119	-109	-102	-94	-85	8430	-72	-83	-86	-90	-100	-104	-113	-122	-125	-130
7900	-78	-71	-60	-52	-47	-44	-44	-48	-56	-63	8440	-129	-139	-138	-134	-125	-121	-116	-106	-95	-84
7910	-62	-56	-56	-56	-57	-59	-59	-59	-59	-59	8450	-78	-73	-62	-51	-43	-35	-30	-19	-5	5
7920	-62	-35	-35	-31	-20	-18	-20	-27	-32	-43	8460	18	13	6	2	3	4	60	60	60	61
7930	-67	-53	-63	-68	-66	-55	-43	-32	-17	-5	8470	63	67	67	68	72	80	90	95	97	97
7940	5	18	23	18	1	1	0	0	-1	-15	8480	101	111	121	129	134	138	140	142	147	143
7950	-17	-17	-19	-24	-25	-28	-28	-28	-19	-9	8490	133	129	127	120	104	98	89	86	77	63
7960	2	9	13	15	18	19	21	21	24	33	8500	71	71	57	39	33	30	24	15	9	-2
7970	33	33	33	33	33	24	20	18	18	17	8510	-9	-9	-11	-21	-31	-39	-41	-50	-61	-65
7980	20	26	32	44	47	50	58	63	60	58	8520	-63	-62	-62	-63	-76	-86	-86	-86	-89	-97
7990	53	43	32	26	18	12	14	16	19	22	8530	-100	-100	-97	-92	-91	-90	-91	-91	-90	-93
8000	22	26	30	34	35	38	44	47	50	52	8540	-101	-104	-93	-88	-81	-77	-73	-71	-65	-60
8010	52	48	43	42	42	44	49	56	55	51	8550	-69	-68	-67	-68	-68	-68	-68	-68	-68	-68
8020	47	36	25	14	1	-11	-25	-39	-44	-40	8560	-4	0	0	2	16	26	37	49	74	54
8030	-36	-36	-36	-36	-36	-36	-36	-36	-44	-49	8570	65	76	94	110	132	135	127	131	134	133
8040	-47	-44	-35	-13	-5	10	26	42	48	44	8580	133	135	137	138	135	129	120	112	104	96

TO BE CONTINUED

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CONTINUED(S-1567 NORTH)

CONTINUED(S-1567 NORTH)

CONTINUED(S-1567 NORTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8590	93	93	92	89	89	87	83	81	82	77
8600	58	51	56	53	50	55	64	64	61	60
8610	56	61	44	37	30	21	14	10	10	17
8620	22	27	35	44	46	41	36	32	35	44
8630	57	73	85	98	119	134	135	131	120	110
8640	83	65	60	70	72	80	83	82	77	71
8650	65	55	50	48	50	56	55	51	51	51
8660	40	34	29	24	14	5	0	-2	0	-11
8670	-4	-2	-2	-12	-18	-23	-31	-40	-51	-63
8680	-14	-89	-102	-119	-135	-147	-150	-161	-152	-146
8690	-74	-143	-151	-151	-152	-157	-161	-168	-168	-176
8700	-182	-183	-183	-181	-180	-175	-165	-149	-145	-145
8710	-135	-140	-136	-135	-132	-126	-119	-119	-115	-111
8720	-114	-117	-117	-110	-101	-92	-88	-80	-68	-53
8730	-40	-36	-32	-26	-18	-11	-6	-3	-4	-4
8740	-3	0	7	16	20	21	26	31	39	48
8750	51	50	49	45	41	40	38	31	24	19
8760	20	28	35	38	42	45	47	48	51	52
8770	52	52	52	51	48	45	40	32	19	7
8780	-2	-6	-4	-2	-6	-17	-19	-14	-11	-9
8790	-14	-13	-20	-24	-27	-28	-26	-23	-25	-34
8800	-44	-50	-64	-80	-92	-104	-109	-106	-100	-96
8810	-93	-89	-87	-83	-82	-81	-85	-91	-102	-105
8820	-115	-119	-120	-125	-129	-135	-118	-101	-97	-80
8830	-65	-57	-45	-30	-11	-6	-10	-12	-13	-18
8840	-19	-17	-15	-12	-8	-5	5	13	16	23
8850	25	27	32	33	33	31	26	17	9	0
8860	-7	-17	-28	-32	-32	-32	-31	-29	-25	-16
8870	-10	-2	6	14	17	21	23	23	21	18
8880	14	9	1	-1	-2	-1	4	7	11	16
8890	25	31	32	32	35	35	37	37	37	36
8900	34	33	31	27	21	13	6	2	2	5
8910	7	9	9	7	4	-1	-11	-20	-22	-26
8920	-28	-31	-35	-40	-41	-43	-47	-49	-48	-45
8930	-61	-39	-38	-40	-46	-49	-51	-58	-59	-63
8940	-62	-61	-58	-51	-49	-39	-27	-19	-17	-14
8950	-14	-13	-15	-24	-36	-44	-56	-71	-77	-85
8960	-90	-96	-102	-106	-110	-120	-133	-139	-143	-146
8970	-149	-150	-153	-154	-159	-158	-160	-161	-163	-163
8980	-137	-154	-153	-152	-148	-136	-128	-120	-114	-107
8990	-99	-94	-89	-85	-83	-83	-83	-80	-77	-73
9000	-64	-46	-29	-14	44	44	48	54	63	69
9010	32	37	41	44	44	44	48	54	63	64
9020	72	76	81	82	79	75	69	63	57	54
9030	52	49	47	46	43	40	39	36	33	29
9040	25	20	15	11	5	1	1	1	1	4
9050	9	17	21	25	30	32	37	40	44	49
9060	52	54	54	54	58	62	68	74	78	75
9070	69	64	58	50	43	37	28	24	26	27
9080	29	30	35	38	43	40	36	30	23	21
9090	20	20	24	28	34	38	49	60	66	74
9100	86	83	91	102	103	102	101	100	97	89
9110	84	82	73	69	63	54	37	31	19	9
9120	14	22	28	39	40	46	54	62	65	61

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 NORTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
9670	-49	-48	-43	-34	-21	-25	-16	-6	-5	-5	10210	120	122	121	123	123	123	123	122	119	119
9680	-3	-3	-3	-4	-4	-5	-5	-7	-7	-10	10220	119	119	119	119	119	119	119	117	114	114
9690	-4	2	6	20	27	36	42	41	38	43	10230	113	107	102	100	91	82	81	76	78	80
9700	47	41	38	38	36	37	40	36	26	23	10240	80	80	80	80	79	74	73	68	65	61
9710	22	19	13	3	-2	1	9	13	19	18	10250	54	51	44	40	37	37	32	15	9	23
9720	14	6	4	2	-1	-3	-3	-2	0	4	10260	9	9	9	15	22	25	25	26	23	23
9730	12	19	28	35	29	24	17	10	6	0	10270	20	15	14	15	18	27	31	25	19	18
9740	-5	-9	-13	-20	-20	-17	-17	-17	-15	-8	10280	14	7	1	-5	-21	-29	-31	-33	-44	-48
9750	-1	6	13	18	22	23	17	7	1	-6	10290	-68	-68	-48	-48	-48	-51	-59	-64	-69	-73
9760	-19	-30	-38	-45	-47	-41	-29	-16	-5	1	10300	-76	-77	-85	-92	-95	-95	-98	-99	-99	-99
9770	5	4	4	4	0	0	0	0	-1	-3	10310	-99	-99	-96	-94	-86	-77	-74	-74	-76	-81
9780	-4	-4	-5	-5	-5	-5	-5	-5	-5	-5	10320	-84	-86	-90	-92	-92	-90	-86	-84	-79	-72
9790	-5	-5	-5	-5	-5	-5	-7	-4	-4	-5	10330	-54	-56	-48	-36	-32	-36	-43	-49	-53	-54
9800	-11	-14	-17	-20	-38	-42	-42	-39	-35	-30	10340	-54	-53	-52	-49	-47	-47	-49	-53	-54	-55
9810	-11	-9	-10	-10	-18	-19	-23	-28	-35	-43	10350	-54	-56	-56	-56	-57	-59	-62	-68	-73	-80
9820	-9	-9	-9	-9	-54	-53	-53	-53	-54	-54	10360	-104	-111	-111	-111	-110	-107	-98	-94	-90	-86
9830	-56	-56	-60	-60	-60	-60	-68	-68	-73	-78	10370	-79	-66	-59	-57	-49	-45	-37	-30	-23	-17
9840	-86	-86	-94	-99	-110	-116	-118	-118	-130	-139	10380	-13	27	28	29	33	29	8	15	23	29
9850	-129	-125	-117	-103	-101	-97	-91	-89	-92	-96	10390	31	29	20	30	41	56	58	58	54	51
9860	-97	-98	-108	-113	-107	-106	-106	-106	-106	-106	10400	12	16	20	30	41	56	58	58	54	51
9870	-102	-97	-95	-84	-82	-79	-76	-71	-67	-66	10410	51	50	49	43	38	35	43	50	60	65
9880	-66	-63	-57	-54	-54	-54	-56	-58	-62	-65	10420	66	67	71	73	74	74	74	74	74	72
9890	-67	-65	-63	-57	-50	-48	-48	-48	-49	-52	10430	66	60	60	60	65	67	67	61	60	61
9900	-56	-61	-65	-66	-64	-62	-57	-52	-47	-42	10440	62	59	57	57	60	62	57	53	46	37
9910	-38	-33	-29	-28	-25	-22	-19	-15	-11	-7	10450	25	16	8	2	-2	-7	-5	-1	0	9
9920	-8	-9	-8	-8	-8	-6	-5	-5	-5	-7	10460	25	16	8	2	-2	-7	-5	-1	0	9
9930	-10	-5	-2	1	6	11	14	13	16	20	10470	10	11	10	10	10	10	10	9	8	8
9940	21	21	20	20	20	20	19	19	19	18	10480	8	7	7	7	6	6	6	6	6	7
9950	14	14	14	15	18	19	19	15	11	7	10490	7	7	6	4	0	-14	-22	-28	-31	-30
9960	2	2	-3	-8	-15	-18	-25	-32	-37	-45	10500	-29	-26	-22	-19	-18	-15	-18	-18	-19	-23
9970	-46	-46	-44	-41	-39	-37	-37	-37	-37	-39	10510	-25	-27	-32	-40	-42	-42	-42	-42	-43	-43
9980	-43	-45	-45	-45	-45	-43	-42	-42	-40	-40	10520	-42	-42	-43	-44	-38	-35	-28	-17	-3	-1
9990	-59	-59	-57	-56	-24	-15	-12	-12	-12	-9	10530	6	7	11	14	19	24	25	24	23	21
10000	-1	0	0	0	-4	-6	-7	-5	-2	0	10540	16	17	9	9	11	12	15	15	15	15
10010	0	3	5	5	6	2	-2	-4	-6	-12	10550	15	15	15	15	15	10	3	-1	-3	-3
10020	-16	-20	-26	-30	-31	-32	-32	-32	-32	-32	10560	-5	-7	-8	-9	-9	-13	-15	-26	-29	-23
10030	-30	-29	-28	-27	-24	-20	-18	-18	-18	-17	10570	-15	-14	-9	-7	-4	-4	-3	-3	-6	-6
10040	-17	-19	-25	-28	-27	-27	-27	-28	-26	-22	10580	-11	-12	-11	-6	-6	-8	-8	-17	-20	-21
10050	-26	-31	-33	-34	-35	-36	-35	-31	-28	-25	10590	-28	-33	-34	-34	-34	-33	-28	-17	-8	-3
10060	-18	-11	-4	-4	-5	-5	-7	-11	-11	-11	10600	-1	0	-6	-13	-20	-27	-31	-32	-34	-36
10070	-11	-10	-6	-6	-6	-6	-6	-7	-8	-12	10610	-7	-7	-37	-37	-37	-37	-37	-37	-37	-37
10080	-17	-26	-32	-31	-21	-18	-11	-9	-7	-7	10620	-37	-37	-37	-37	-37	-37	-38	-38	-38	-38
10090	-7	-9	-13	-16	-21	-23	-22	-16	-12	0	10630	-38	-37	-36	-33	-29	-27	-29	-34	-38	-42
10100	12	16	28	37	39	27	47	49	51	51	10640	-46	-50	-53	-54	-54	-46	-45	-48	-55	-55
10110	51	47	44	39	36	27	27	27	26	17	10650	-68	-67	-74	-74	-74	-74	-70	-67	-67	-67
10120	19	19	19	19	19	19	19	18	18	17	10660	-67	-67	-67	-67	-66	-64	-64	-64	-59	-64
10130	17	15	15	15	15	16	16	16	16	16	10670	-49	-43	-36	-38	-45	-46	-50	-53	-53	-51
10140	16	17	22	26	32	34	34	33	33	33	10680	-49	-48	-48	-48	-45	-42	-34	-33	-30	-28
10150	34	36	36	36	37	37	38	40	40	40	10690	-27	-22	-19	-14	-7	20	17	22	26	28
10160	40	42	48	54	59	62	63	66	71	71	10700	32	32	31	31	31	34	37	38	40	36
10170	79	88	96	103	107	109	109	109	109	109	10710	36	38	43	48	52	52	52	52	51	45
10180	109	108	107	107	105	103	101	99	97	101	10720	42	39	37	34	33	29	29	30	27	23
10190	106	107	107	107	106	106	104	101	101	101	10730	23	24	27	31	36	42	46	44	46	51
10200	101	101	101	104	106	107	110	113	114	118	10740	51	48	44	41	41	39	36	32	28	27

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1567 NORTH)										CONTINUED (S-1567 NORTH)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
10750	27	25	23	21	19	19	20	21	21	20	11290	-21	-17	-15	-14	-14	-15	-16	-17	-18	
10760	18	15	12	-2	-2	-8	-8	-12	-16	-20	11300	-16	-23	-26	-27	-25	-24	-24	-25	-22	
10770	-24	-26	-28	-32	-34	-35	-37	-37	-37	-37	11310	-23	-24	-24	-24	-24	-24	-24	-25	-22	
10780	-37	-37	-37	-37	-37	-36	-36	-35	-35	-35	11320	-20	-20	-20	-20	-20	-19	-18	-17	-20	
10790	-33	-31	-28	-27	-27	-27	-27	-27	-27	-27	11330	-17	-11	-6	-5	-4	-4	-4	-4	-1	
10800	-28	-28	-28	-30	-31	-32	-32	-32	-32	-32	11340	3	7	9	10	11	11	11	9	7	
10810	-41	-43	-45	-47	-50	-52	-51	-49	-44	-44	11350	7	7	8	10	11	11	15	17	18	
10820	-41	-38	-35	-35	-33	-33	-33	-33	-30	-30	11360	19	21	25	28	34	39	42	46	47	45
10830	-30	-30	-30	-30	-29	-28	-20	-18	-19	-20	11370	44	44	44	43	41	43	46	47	47	47
10840	-20	-20	-19	-17	-16	-11	-8	-7	-7	-7	11380	46	46	46	46	44	41	35	35	34	34
10850	-4	-3	-3	-2	-1	0	1	4	8	10	11390	32	32	32	32	32	32	32	31	30	30
10860	11	14	19	19	19	19	19	19	19	19	11400	30	30	30	30	28	25	23	23	8	8
10870	17	11	8	7	5	4	4	4	4	4	11410	7	7	6	0	0	0	-2	-7	-15	-15
10880	4	4	5	5	5	5	5	5	5	5	11420	-17	-20	-23	-24	-27	-27	-27	-28	-30	-30
10890	5	6	9	12	16	20	22	23	29	36	11430	-36	-37	-39	-40	-44	-46	-48	-45	-42	-42
10900	41	46	49	50	51	51	51	51	51	51	11440	-42	-42	-42	-41	-40	-40	-44	-46	-43	-43
10910	51	51	51	51	49	45	45	45	45	41	11450	-50	-51	-53	-53	-54	-54	-54	-54	-54	-54
10920	37	35	40	44	45	45	45	44	44	44	11460	-57	-61	-64	-65	-65	-67	-69	-72	-77	-81
10930	43	39	36	37	33	26	26	26	26	25	11470	-82	-82	-82	-79	-73	-70	-66	-62	-58	-58
10940	22	21	15	10	9	5	2	2	0	-3	11480	-55	-54	-54	-52	-50	-49	-47	-46	-44	-38
10950	-8	-12	-17	-20	-20	-17	-15	-15	-15	-15	11490	-35	-31	-33	-33	-38	-38	-38	-38	-39	-39
10960	-16	-19	-21	-28	-32	-38	-39	-39	-44	-43	11500	-40	-38	-34	-35	-38	-38	-33	-32	-29	-29
10970	-36	-34	-33	-31	-25	-24	-24	-22	-18	-16	11510	-29	-27	-22	-19	-18	-15	-12	-10	-10	-10
10980	-14	-16	-16	-15	-14	-8	-6	-1	-1	-1	11520	-31	-34	-36	-38	-40	-41	-43	-45	-45	-46
10990	-2	-3	-6	-7	-12	-13	-13	-13	-15	-24	11530	-48	-51	-52	-53	-53	-53	-53	-54	-62	-62
11000	-26	-26	-25	-22	-19	-16	-13	-12	-12	-12	11540	-62	-63	-62	-62	-62	-62	-62	-62	-62	-62
11010	-6	-2	2	4	4	4	3	8	10	13	11550	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62
11020	18	23	30	34	35	34	29	23	21	22	11560	-52	-52	-52	-54	-54	-50	-52	-52	-52	-54
11030	22	21	20	21	22	24	26	27	27	27	11570	-52	-52	-51	-50	-50	-50	-50	-52	-53	-54
11040	24	21	19	16	15	13	11	11	10	9	11580	-54	-55	-57	-57	-58	-58	-57	-53	-50	-46
11050	8	8	8	7	7	7	7	8	9	10	11590	-43	-38	-36	-34	-33	-31	-27	-25	-25	-25
11060	13	17	19	19	22	26	31	35	35	35	11600	-25	-25	-25	-22	-19	-17	-17	-21	-23	-23
11070	35	35	35	35	35	33	29	29	29	31	11610	-21	-19	-19	-19	-19	-19	-19	-19	-18	-13
11080	37	43	46	47	47	51	56	56	56	56	11620	-10	-10	-8	-6	-5	-5	-4	-2	5	5
11090	56	56	55	54	54	51	51	51	51	51	11630	7	7	8	9	10	14	19	22	24	25
11100	51	51	51	51	51	51	51	51	51	51	11640	28	31	34	34	34	35	36	40	46	48
11110	51	51	51	51	50	50	50	50	50	50	11650	49	49	49	49	49	49	50	51	52	53
11120	50	52	52	52	52	51	51	51	51	50	11660	55	56	56	56	56	57	60	62	64	66
11130	45	37	35	30	30	30	31	32	32	31	11670	70	70	70	70	70	70	70	70	70	70
11140	29	28	28	28	28	28	28	26	23	20	11680	70	71	73	75	76	78	82	84	85	82
11150	18	19	20	21	21	21	21	20	17	15	11690	82	82	82	82	82	82	81	77	77	77
11160	13	9	6	3	1	0	0	0	0	0	11700	77	77	80	75	74	74	72	70	67	67
11170	0	0	0	0	0	6	10	13	17	16	11710	65	64	61	60	59	53	51	50	50	50
11180	15	15	14	14	14	14	14	15	15	15	11720	50	50	48	45	43	40	41	45	46	46
11190	22	22	22	25	31	35	36	37	39	39	11730	42	42	42	39	38	35	35	35	35	35
11200	39	39	39	39	39	39	39	39	39	39	11740	35	35	35	30	28	26	20	15	12	12
11210	38	37	37	36	34	32	31	30	29	29	11750	12	11	7	2	0	0	0	-3	-5	-6
11220	29	29	29	29	29	28	27	27	28	29	11760	-10	-12	-15	-17	-19	-19	-21	-24	-27	-28
11230	29	28	26	24	24	23	20	15	14	14	11770	-29	-29	-29	-30	-34	-35	-36	-36	-33	-29
11240	14	14	14	14	14	14	14	14	14	14	11780	-26	-22	-22	-21	-19	-19	-19	-17	-12	-12
11250	14	13	12	10	8	7	1	-3	-5	-10	11790	-16	-18	-18	-16	-12	-12	-11	-10	-8	-8
11260	-11	-12	-14	-17	-18	-18	-18	-19	-22	-22	11800	-8	-4	-5	-9	-10	-10	-10	-10	-10	-11
11270	-23	-27	-29	-29	-29	-32	-31	-30	-30	-30	11810	-14	-14	-14	-15	-15	-16	-16	-19	-18	-12
11280	-30	-30	-30	-30	-29	-28	-27	-25	-24	-23	11820	-12	-12	-15	-15	-15	-15	-8	-3	-1	3

RECORD = S-1567 COMPONENT = EAST STATION = AKITA-S TOTAL NUMBER OF DATA = 12050
 DATE AND TIME = 1983-05-26-12-00
 SIGNAL = GR. ACC. SCAL = 0.10000
 CONNECTION POINT IN DATA NUMBER = 3056, 6062, 9071, 12050,

CONTINUED	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
11830	2	0	0	-3	-3	-3	-3	-3	-13	-17
11840	-18	-19	-23	-24	-24	-24	-25	-25	-25	-25
11850	-25	-18	-14	-14	-17	-11	-10	-10	-10	-8
11860	-8	-8	-7	-7	-7	-7	-7	-7	-7	-7
11870	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5
11880	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
11890	0	0	0	0	0	0	0	0	0	0
11900	5	5	5	5	5	5	5	5	5	5
11910	-2	-4	-5	-5	-5	-4	-2	-1	0	0
11920	0	0	0	0	0	0	0	0	0	0
11930	5	8	11	15	20	25	31	32	30	29
11940	29	29	32	35	39	44	47	50	51	53
11950	55	58	59	60	61	61	61	63	65	65
11960	65	65	67	69	69	68	66	63	61	61
11970	58	57	57	48	48	42	32	32	31	30
11980	27	27	26	20	13	12	11	7	1	1
11990	1	1	-5	-5	-5	-5	-5	-5	-5	-5

END

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-19	-18	-16	-15	-13	-11	-10	-8	-6	-5
10	-3	-1	-29	-22	-16	-13	-12	-10	-14	-20
20	-34	-35	-29	-24	-16	-13	-12	-10	-14	-20
30	-27	-26	-24	-21	-10	0	11	22	31	19
40	6	-11	-32	-48	-39	-69	-76	-78	-65	-51
50	-31	-11	3	16	27	53	51	15	-11	-23
60	-31	-44	-55	-62	-61	-56	-33	-11	0	13
70	28	36	30	12	-1	-14	-25	-34	-41	-47
80	-2	-11	12	33	53	72	88	91	82	63
90	37	0	-34	-66	-99	-112	-115	-104	-80	-60
100	-35	-9	14	29	18	3	-10	-27	-50	-63
110	-63	-54	-38	-17	3	12	20	21	22	25
120	29	38	47	54	58	55	45	27	-4	-43
130	-66	-83	-98	-101	-90	-85	-79	-74	-70	-64
140	-56	-45	-33	-22	-8	-2	7	13	13	4
150	-11	-20	-30	-40	-44	-42	-35	-27	-20	-10
160	0	2	2	2	4	16	24	30	31	35
170	36	40	39	37	24	8	-34	-72	-94	-112
180	-118	-113	-112	-113	-105	-95	-82	-64	-41	-9
190	3	14	39	64	76	76	62	50	42	31
200	14	-4	-16	-38	-75	-86	-95	-105	-109	-102
210	-84	-67	-52	-43	-38	-38	-37	-39	-42	-43
220	-41	-31	-23	-15	-7	0	10	15	11	-4
230	-18	-29	-41	-53	-52	-43	-33	-27	-21	-24
240	-29	-29	-29	-30	-31	-29	-23	-13	-7	-6
250	-7	-4	1	9	21	32	41	40	23	-3
260	-26	-47	-63	-69	-60	-39	-24	-12	0	4
270	9	15	27	39	51	63	71	66	44	19
280	-16	-73	-137	-191	-236	-270	-275	-269	-199	-166
290	-103	-52	0	62	130	150	161	162	145	117
300	95	78	74	79	88	95	97	85	64	19
310	-35	-74	-106	-140	-190	-227	-257	-265	-262	-248
320	-209	-153	-86	-18	13	81	111	115	121	125
330	138	141	146	140	105	89	75	61	42	24
340	15	1	-25	-43	-64	-84	-99	-88	-66	-51
350	-35	-20	-6	1	-9	-29	-51	-66	-89	-102
360	-106	-108	-96	-88	-77	-63	-50	-23	-17	9
370	40	75	108	125	116	101	75	52	33	5
380	-17	-52	-83	-108	-145	-183	-197	-197	-169	-127
390	-86	-28	21	77	107	117	115	107	94	87
400	81	76	67	61	64	19	-9	-73	-148	-188
410	-207	-215	-181	-129	-80	-39	10	30	17	-16
420	-45	-65	-80	-74	-45	-12	15	44	69	91
430	112	115	112	104	98	92	90	84	72	54
440	32	12	-4	-18	-29	-22	-7	13	36	48
450	39	9	-33	-86	-136	-177	-195	-186	-158	-140
460	-132	-129	-119	-118	-112	-112	-100	-95	-97	-66
470	-22	17	59	105	141	185	219	243	257	269
480	260	245	205	159	67	15	-26	-109	-113	-56

TO BE CONTINUED

CONTINUED C S-1567 EAST

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	-35	-21	-40	-62	-80	-81	-63	-31	2	58
500	85	109	96	96	85	76	63	55	33	11
510	-28	-63	-94	-113	-169	-206	-215	-211	-192	-155
520	-117	-67	-19	10	42	59	51	36	23	60
530	25	30	32	30	26	28	40	51	64	64
540	77	79	69	50	22	-8	-36	-65	-88	-95
550	-78	-48	15	18	45	78	112	123	112	83
560	54	34	35	35	56	71	80	73	55	35
570	19	0	-37	-57	-72	-57	-35	-10	22	74
580	128	178	257	279	311	307	274	234	195	143
590	64	-39	-109	-173	-214	-237	-262	-200	-302	-302
600	-273	-229	-182	-127	-52	45	93	101	82	60
610	61	66	63	56	42	34	21	20	29	59
620	71	78	57	12	-48	-98	-135	-168	-191	-197
630	-200	-215	-235	-252	-257	-240	-201	-148	-69	12
640	95	158	206	223	233	216	194	168	142	115
650	90	66	48	40	38	29	21	9	-17	-45
660	-75	-111	-165	-203	-220	-215	-173	-139	-123	-107
670	-89	-62	28	27	95	145	191	239	282	282
680	243	191	128	64	-5	-95	-205	-267	-265	-231
690	-183	-125	-51	30	107	178	220	240	244	223
700	193	152	95	42	0	-33	-62	-89	-112	-145
710	-181	-211	-237	-262	-275	-278	-257	-207	-32	-31
720	85	199	251	234	234	189	127	175	30	-25
730	-76	-130	-182	-210	-232	-243	-245	-236	-217	-176
740	-120	-62	-16	36	70	98	124	149	170	193
750	225	270	303	329	340	332	312	259	152	40
760	-116	-259	-305	-342	-353	-353	-337	-317	-285	-252
770	-216	-181	-147	-108	-64	-18	37	97	174	219
780	296	348	404	436	450	440	405	360	282	212
790	161	119	80	45	18	-2	-31	-74	-123	-205
800	-261	-298	-309	-304	-272	-239	-216	-175	-148	-100
810	-35	9	58	103	126	135	131	122	111	91
820	66	32	-22	-94	-151	-185	-199	-183	-149	-112
830	-80	-56	-43	-35	-20	-11	19	56	82	82
840	62	73	-43	-86	-131	-172	-198	-208	-202	-177
850	-147	-119	-83	-52	-40	-37	-40	-39	-22	20
860	87	153	203	220	224	219	213	207	198	175
870	136	85	7	-57	-138	-177	-195	-179	-130	-61
880	-15	8	16	11	-18	-69	-133	-182	-211	-211
890	-190	-138	-61	68	152	267	336	337	315	273
900	234	202	185	171	162	134	100	-15	-137	-258
910	-387	-434	-428	-363	-248	-131	-3	88	120	115
920	91	19	-54	-114	-139	-131	-77	-33	28	85
930	193	297	342	404	429	430	393	324	223	121
940	9	-136	-194	-234	-282	-310	-296	-291	-252	-225
950	-205	-159	-128	-92	-21	35	96	158	207	237
960	264	238	201	162	114	71	29	-18	-64	-112
970	-111	-140	-125	-165	-171	-173	-172	-167	-148	199
980	-63	-11	40	81	111	133	142	134	184	199
990	208	207	194	165	129	98	53	4	-27	-32
1000	-16	22	61	91	110	110	93	77	58	52
1010	74	95	109	99	50	-2	-87	-176	-251	-280
1020	-271	-254	-243	-237	-237	-238	-238	-236	-227	-208

TO BE CONTINUED

CONTINUED C S-1567 EAST

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	-170	-127	-63	-5	42	96	126	139	135	122
1040	113	112	98	77	50	25	-11	-42	-71	-68
1050	-87	-92	-107	-145	-176	-238	-281	-309	-283	-255
1060	-213	-162	-199	-16	64	177	293	345	390	405
1070	363	286	192	79	-50	-166	-226	-229	-229	-237
1080	-240	-248	-230	-187	-125	-61	36	137	201	201
1090	247	253	244	235	226	214	195	173	130	100
1100	87	77	60	38	5	-45	-118	-177	-255	-304
1110	-300	-259	-201	-121	-54	-12	22	37	42	59
1120	80	99	119	132	133	128	121	113	104	90
1130	65	33	-2	-26	-37	-37	-16	24	69	120
1140	171	212	246	271	278	275	257	223	183	162
1150	97	42	-28	-84	-119	-136	-169	-207	-264	-299
1160	-356	-388	-382	-339	-368	-418	-499	-526	-54	135
1170	186	219	255	290	311	333	354	370	363	317
1180	247	169	92	-24	-171	-255	-315	-371	-412	-446
1190	-481	-495	-488	-462	-420	-359	-271	-187	-77	47
1200	186	323	379	379	322	238	144	38	-111	-185
1210	-243	-234	-163	-109	-37	3	28	43	39	11
1220	-13	-54	-89	-134	-173	-188	-199	-210	-222	-228
1230	-229	-229	-220	-205	-193	-188	-190	-200	-209	-213
1240	187	153	120	-79	-29	18	44	29	-16	-74
1250	-108	-111	-92	-57	-29	-4	10	-8	-59	-107
1260	-151	-200	-244	-270	-283	-286	-281	-259	-237	-201
1270	-155	-103	-60	6	67	107	114	97	70	38
1280	-2	-42	-69	-101	-128	-141	-152	-160	-155	-148
1290	-136	-100	-50	52	56	114	172	231	297	347
1300	383	438	498	537	563	562	530	488	443	363
1310	264	168	59	-79	-149	-247	-337	-373	-369	-338
1320	-309	-305	-310	-326	-344	-352	-346	-322	-277	-195
1330	-113	-20	63	115	75	23	-35	-82	-128	-114
1340	-76	-39	-10	3	-12	-62	-130	-185	-228	-228
1350	-255	-277	-294	-313	-331	-337	-323	-292	-226	-133
1360	-61	-2	45	50	19	-8	-33	-49	-48	-38
1370	0	54	132	187	254	296	313	298	257	189
1380	110	22	131	-299	-379	-435	-468	-473	-469	-460
1390	-446	-424	-373	-309	-259	-198	-128	-35	46	105
1400	164	177	202	223	241	250	245	216	179	164
1410	108	66	53	55	105	170	202	240	243	186
1420	-99	-47	52	114	157	170	172	176	186	200
1430	207	204	182	143	95	40	-29	-101	-170	-253
1440	-337	-384	-424	-411	-376	-337	-300	-270	-246	-220
1450	-193	-157	-109	-50	20	105	207	318	421	507
1460	569	559	516	490	452	406	360	309	260	209
1470	151	75	6	-73	-136	-183	-205	-221	-223	-224
1480	-229	-233	-262	-295	-276	-227	-134	-35	81	188
1490	320	432	523	593	673	747	790	819	813	779
1500	718	589	425	220	141	56	-72	-190	-311	-617
1510	-547	-678	-778	-841	-849	-802	-721	-645	-555	-657
1520	-362	-238	-82	113	298	424	509	548	680	880
1530	364	221	183	164	-55	-115	-143	-160	-182	-212
1540	-423	-287	-343	-452	-522	-557	-579	-588	-562	-515
1550	-425	-251	-149	1	121	207	279	358	351	347
1560	341	344	370	403	442	481	523	513	487	434

TO BE CONTINUED

CONTINUED (S-1567 EAST)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1570	357	256	120	-21	-156	-298	-375	-435	-675	-533
1580	590	-660	-729	-768	-789	-785	-744	-679	-604	-520
1590	-485	-400	-352	-327	-337	-353	-399	-455	-498	-533
1600	-545	-805	-606	-591	-571	-582	-583	-523	-533	-541
1610	-574	-897	-603	-580	-560	-551	-508	-481	-437	-451
1620	-431	-391	-350	-281	-195	-105	-53	43	115	205
1630	234	218	174	115	62	-21	-101	-128	-145	-158
1640	-406	-218	-312	-377	-417	-467	-510	-525	-508	-463
1650	-836	-841	-862	-177	-80	34	166	339	494	643
1660	742	819	880	948	949	1001	1067	1125	1172	1199
1670	1139	1122	1034	941	842	734	656	616	623	652
1680	669	659	626	555	437	261	148	54	-79	-207
1690	-237	-253	-197	-116	-1	135	249	375	521	657
1700	753	823	879	880	846	814	745	651	543	432
1710	315	183	51	100	-227	-325	-370	-366	-346	-329
1720	-328	-351	-410	-461	-555	-648	-731	-770	-796	-816
1730	-810	-781	-733	-672	-609	-537	-462	-379	-297	-217
1740	-137	-75	-49	-45	-52	-60	-69	-75	-79	-74
1750	-66	-57	-31	29	66	150	182	220	246	220
1760	173	88	19	-80	-173	-272	-313	-340	-353	-363
1770	-369	-354	-318	-289	-254	-182	-139	-121	-82	-28
1780	-69	-50	-34	-5	33	68	105	144	184	215
1790	266	331	373	444	523	596	657	649	595	431
1800	166	-67	-491	-731	-839	-902	-926	-906	-833	-713
1810	-610	-514	-421	-317	-275	-241	-238	-273	-319	-313
1820	-286	-240	-190	-96	8	120	202	260	262	215
1830	151	75	-16	-93	-143	-166	-136	-91	-55	-30
1840	-6	3	-18	-60	-127	-205	-244	-231	-181	-107
1850	-17	75	161	244	314	379	420	450	441	401
1860	365	327	301	310	340	406	496	606	728	814
1870	880	929	933	917	874	797	708	614	536	476
1880	364	247	128	-21	-128	-251	-298	-288	-176	17
1890	215	467	639	903	1016	1150	1245	1331	1393	1442
1900	1492	1529	1513	1347	1047	672	394	111	-183	-321
1910	-577	-869	-1099	-1231	-1390	-1524	-1606	-1619	-1617	-1601
1920	-4566	-4509	-4424	-4330	-4218	-4083	-3947	-3848	-3752	-3616
1930	-491	-353	-147	54	366	587	827	991	1158	1201
1940	1131	988	703	419	134	-327	-504	-880	-1058	-1128
1950	1197	-1262	-1276	-1238	-1087	-936	-781	-579	-375	-88
1960	160	384	536	708	932	1017	1110	1179	1207	1238
1970	1248	1283	1347	1452	1573	1673	1774	1775	1704	1652
1980	1590	1331	972	677	523	-73	-305	-519	-633	-847
1990	-894	-868	-711	-582	-410	-158	30	96	107	60
2000	-14	-92	-132	-167	-114	-49	16	83	97	34
2010	-64	-178	-348	-613	-819	-1051	-1173	-1304	-1443	-1523
2020	-1549	-1559	-1502	-1383	-1264	-1137	-950	-763	-576	-361
2030	-143	67	239	328	398	451	509	573	673	799
2040	892	988	1090	1204	1282	1341	1412	1431	1401	1336
2050	1149	937	726	514	328	195	93	46	10	-44
2060	-91	-151	-203	-277	-335	-312	-300	-258	-222	-172
2070	-112	-41	37	127	309	406	535	640	688	777
2080	618	559	428	205	46	-82	-242	-446	-679	-777
2090	-973	-1081	-1182	-1254	-1272	-1238	-1090	-941	-770	-484
2100	-198	87	400	795	905	990	1084	1210	1344	1451

TO BE CONTINUED

CONTINUED (S-1567 EAST)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1570	1633	1760	1875	1979	2031	2054	1979	1783	1539	1195
1580	2120	836	525	274	-266	-563	785	-1065	-1218	-1388
1590	2130	-1799	-1858	-1871	-1736	-1602	-1301	-1083	-882	-681
1600	2143	-547	-359	-191	-131	-73	-16	38	71	151
1610	2150	-47	-73	759	27	156	291	447	605	731
1620	2160	799	792	750	694	635	568	373	199	68
1630	2178	88	190	301	406	535	638	731	571	31
1640	2180	501	530	569	623	688	551	599	544	465
1650	2190	139	-15	-155	-297	-428	-538	-646	-727	-842
1660	2200	-976	-1005	-1001	-947	-872	-774	-652	-534	-430
1670	2210	-316	-592	-249	-174	-74	51	159	316	452
1680	2220	644	731	742	672	583	470	331	175	83
1690	2230	-728	-911	-1048	-1119	-1133	-1113	-1113	-966	-851
1700	2240	-720	-588	-452	-306	-176	-65	-3	29	20
1710	2250	-93	-143	-201	-230	-215	-116	-12	95	216
1720	2260	450	580	646	681	610	519	436	330	183
1730	2270	25	-122	-255	-373	-458	-440	-304	-221	-83
1740	2280	34	199	347	477	576	682	579	532	475
1750	2290	364	306	247	176	121	126	163	219	272
1760	2300	279	231	159	48	-131	-353	-512	-660	-654
1770	2310	-528	-378	-163	191	584	767	935	1089	1162
1780	2320	1217	1198	1160	1090	992	871	708	518	329
1790	2330	-15	-283	-440	-500	-505	-470	-398	-298	-184
1800	2340	3	-14	-103	-242	-359	-440	-511	-488	-401
1810	2350	-148	18	159	346	651	928	874	939	990
1820	2360	962	938	924	939	962	978	980	947	836
1830	2370	538	354	95	-73	-283	-313	-241	-132	-40
1840	2380	170	247	242	180	108	-112	-95	-149	-159
1850	2390	-123	-90	-64	-74	-139	-200	-316	-423	-563
1860	-608	515	-390	-269	-188	88	253	270	216	158
1870	2400	114	122	181	255	334	428	517	595	677
1880	2410	824	384	956	1028	1072	1073	1039	968	869
1890	2420	525	334	99	156	343	482	569	680	760
1900	2430	-790	-762	-732	-710	-718	-761	-821	-875	-989
1910	2440	-1160	-1110	-1060	-924	-727	-529	-372	-218	-94
1920	2450	-234	-392	-470	-548	-659	-797	-895	-1003	-1041
1930	2460	-1069	-1010	-921	-772	-619	-460	-261	10	257
1940	2480	373	319	200	-19	-188	-370	-471	-540	-550
1950	2490	-654	-352	-230	110	-6	-4	112	187	229
1960	2500	213	129	31	-116	-311	-425	-535	-606	-591
1970	2510	502	457	414	373	361	407	473	530	576
1980	2520	-542	-491	-421	-301	-187	-70	63	114	136
1990	2530	40	-64	-182	-243	-352	-454	-454	-380	-272
2000	2540	168	-52	62	156	237	285	359	364	371
2010	2550	278	195	72	-59	-183	-277	-341	-411	-449
2020	2560	-486	-495	-504	-509	-515	-524	-531	-534	-522
2030	2570	-447	-326	-192	-44	175	389	595	733	862
2040	2580	949	971	991	1015	1039	1061	1052	969	855
2050	2590	524	341	181	82	65	121	225	355	491
2060	2600	642	683	684	660	602	545	470	374	284
2070	2610	173	158	169	209	253	287	317	336	340
2080	2620	379	395	413	429	463	453	454	460	369
2090	2630	329	289	274	274	266	335	375	407	428
2100	2640	459	427	361	291	195	115	-17	-74	-172

TO BE CONTINUED

CONTINUED(S-1567 EAST)											CONTINUED(S-1567 EAST)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2650	-264	-276	-277	-225	-157	-69	15	64	102	102	3190	424	433	454	479	529	564	598	623	622	587
2660	80	43	0	-64	-142	-231	-329	-388	-410	-505	3200	550	500	417	323	248	151	98	17	-72	-199
2670	583	-679	-727	-714	-687	-634	-569	-494	-412	-345	3210	-271	-340	-397	-440	-420	-458	-281	-187	-34	84
2680	360	-610	-659	-531	-575	-645	-745	-752	-728	-694	3220	210	263	295	294	263	245	228	252	303	323
2690	651	-608	-569	-526	-687	-467	-663	-465	-436	-524	3230	361	389	417	434	460	422	480	475	457	441
2700	-537	-533	-519	-485	-458	-352	-245	-112	16	173	3240	627	611	615	617	611	688	696	677	437	371
2710	297	416	479	526	576	592	534	354	184	47	3250	278	162	-13	-139	-217	-247	-240	-237	-229	-227
2720	-117	-547	-437	-474	-480	-455	-436	-429	-456	-312	3260	-228	-251	-284	-342	-373	-449	-223	-449	-462	-475
2730	-556	-673	-784	-862	-903	-862	-948	-948	-922	-884	3270	-697	-698	-488	-442	-384	-352	-315	-516	-370	-434
2740	-848	-308	-767	-731	-699	-671	-645	-614	-566	-517	3280	542	-620	-692	-666	-583	-446	-337	-214	-81	59
2750	-438	-337	-267	-195	-137	-93	-98	-140	-183	-273	3290	202	290	332	376	407	400	373	337	293	256
2760	-375	-448	-507	-430	-407	-307	-307	-213	-107	-17	3300	234	214	192	172	151	127	97	52	-7	-82
2770	59	95	119	126	129	144	171	247	288	343	3310	-122	-143	-150	-145	6	37	67	91	121	
2780	423	541	683	832	1007	1162	1313	1424	1516	1600	3320	133	115	79	37	-15	-103	-170	-247	-293	-351
2790	1686	1739	1758	1705	1603	1501	1380	1179	977	776	3330	-330	-396	-401	-417	-432	-451	-480	-508	-539	-554
2800	574	326	243	211	164	89	40	-13	-47	-43	3340	-330	-515	-491	-478	-477	-499	-546	-586	-638	-672
2810	9	98	206	297	420	528	605	654	709	759	3350	-666	-621	-537	-429	-308	-177	26	163	236	245
2820	792	813	808	770	713	616	477	284	137	120	3360	-164	-132	-88	46	0	-39	-63	-95	-117	-132
2830	40	-23	-94	-176	-250	-343	-427	-532	-611	-711	3370	164	142	-88	74	136	248	335	427	528	
2840	-792	-716	-505	-476	-366	-182	-5	139	275	275	3380	563	528	447	309	201	130	149	258	344	
2850	415	537	599	779	893	945	984	1001	975	925	3390	467	560	650	697	674	609	529	443	317	198
2860	866	770	603	382	180	40	-61	-164	-242	-359	3400	92	58	48	83	118	133	137	122	93	57
2870	-394	-482	-554	-654	-656	-660	-627	-546	-398	-253	3410	15	-37	-83	-108	-115	-95	-33	49	135	214
2880	-119	28	232	389	473	488	461	365	258	142	3420	255	323	334	288	216	133	38	-32	-34	19
2890	-22	-153	-287	-436	-538	-630	-726	-802	-820	-803	3430	96	150	206	245	258	227	159	73	-10	-79
2900	-759	-709	-685	-632	-605	-604	-639	-701	-771	-797	3440	-150	-235	-303	-349	-378	-401	-416	-428	-439	-450
2910	-792	-741	-654	-536	-404	-273	-172	-59	17	23	3450	-106	-113	-134	-157	-162	-167	-170	-170	-165	-159
2920	-31	-122	-172	-241	-292	-341	-404	-415	-444	-493	3460	-106	-113	-134	-157	-162	-167	-170	-170	-165	-159
2930	-560	-617	-642	-617	-678	-729	-799	-955	-955	-939	3470	-155	-141	-124	-102	-82	-57	-45	-40	-44	-55
2940	-904	-837	-766	-627	-515	-408	-299	-167	23	226	3480	-69	-97	-124	-133	-149	-154	-152	-146	-140	-130
2950	639	630	786	902	999	1076	1141	1160	1103	1029	3490	-123	-108	-103	-92	-76	-51	-33	-3	13	31
2960	623	418	203	16	997	-177	-177	-250	-239	-234	3500	107	129	139	126	91	56	28	-32	-59	-41
2970	-389	-416	-446	-491	-525	-524	-503	-452	-335	-222	3510	-12	27	70	115	141	166	165	131	130	95
2980	-101	28	192	331	480	572	623	645	625	583	3520	43	-36	-87	-158	-183	-223	-219	-193	-152	-103
2990	518	467	410	369	331	325	348	400	442	474	3530	-31	55	115	147	143	112	53	-36	-184	-280
3000	501	500	477	449	430	430	446	515	644	748	3540	-383	-404	-416	-362	-308	-254	-209	-171	-139	-124
3010	821	881	901	881	845	773	686	594	498	413	3550	-128	-142	-157	-153	-138	-108	-82	-50	-22	-7
3020	351	307	261	261	265	285	298	300	288	257	3560	-12	-28	-50	-81	-103	-113	-116	-104	-76	-41
3030	224	202	181	167	160	165	188	222	266	323	3570	8	62	83	94	109	115	124	141	160	185
3040	377	429	487	538	594	597	573	525	486	414	3580	199	197	175	120	44	-30	-86	-129	-164	-188
3050	310	204	149	125	125	137	142	137	176	238	3590	-217	-231	-210	-155	-82	-9	87	189	244	304
3060	319	367	424	466	509	531	519	487	441	382	3600	322	316	293	273	269	265	257	245	238	230
3070	309	200	115	0	-116	-266	-332	-362	-379	-402	3610	230	235	245	263	271	275	266	238	203	156
3080	-419	-447	-476	-523	-576	-632	-693	-708	-656	-581	3620	100	32	-40	-23	-68	-184	-182	-176	-176	-176
3090	-471	-362	-219	-175	-179	-183	-221	-244	-273	-271	3630	175	-170	-184	-159	-133	-152	-150	-152	-157	-151
3100	-251	-219	-194	-167	-160	-193	-262	-317	-403	-450	3640	-116	-90	-32	-28	14	53	35	35	35	30
3110	-505	-556	-609	-615	-607	-595	-590	-597	-623	-650	3650	206	16	16	16	40	70	112	146	185	200
3120	-665	-679	-690	-683	-637	-575	-515	-427	-322	-114	3660	204	245	265	279	294	294	294	295	310	333
3130	79	212	314	412	473	486	461	440	438	446	3670	370	385	417	439	446	425	357	307	242	171
3140	455	465	445	422	341	278	209	83	-40	-129	3680	94	-16	-103	-172	-226	-271	-307	-313	-303	-274
3150	-198	-211	-174	-94	6	114	193	262	301	299	3690	-225	-193	-167	-149	-132	-117	-111	-113	-118	-120
3160	259	203	154	112	83	43	14	-53	-70	-85	3700	-112	-94	-68	-46	-37	22	36	59	81	88
3170	-99	-108	-113	-106	-86	-69	-58	-45	-44	-36	3710	68	34	-4	-79	-144	-195	-247	-250	-207	-148
3180	-6	15	53	90	152	209	271	346	396	423	3720	-67	13	97	194	254	265	236	198	135	45

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 EAST)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3730	-27	-74	-96	-97	-80	-69	-67	-75	-105	-145
3740	-195	-271	-331	-412	-670	-501	-513	-512	-645	-608
3750	-357	-520	-286	-177	-86	-5	81	166	233	262
3760	288	296	288	235	208	162	119	81	32	48
3770	-138	-209	-218	-204	-172	-128	-42	56	138	-183
3780	198	161	93	36	-49	-169	-227	-275	-256	-229
3790	-213	-196	-179	-176	-129	-102	-84	-65	-64	-71
3800	-102	-114	-132	-138	-137	-121	-73	-42	3	34
3810	85	148	207	260	310	356	388	413	420	411
3820	380	351	318	287	237	183	118	90	121	164
3830	229	335	444	494	531	512	447	380	321	208
3840	145	84	52	65	109	165	205	235	258	274
3850	314	337	361	376	382	377	361	333	308	280
3860	252	215	174	127	77	34	-11	-56	-96	-166
3870	-173	-194	-190	-182	-172	-160	-150	-168	-152	-168
3880	-194	-262	-241	-233	-261	-262	-259	-249	-235	-222
3890	-211	-199	-181	-159	-138	-117	-114	-116	-117	-111
3900	-105	-95	-87	-87	-93	-105	-111	-128	-143	-150
3910	-164	-208	-260	-301	-343	-411	-487	-528	-617	-656
3920	-620	-584	-547	-456	-372	-331	-258	-212	-180	-159
3930	-132	-103	-86	-78	-77	-81	-91	-93	-108	-118
3940	-119	-120	-117	-110	-98	-89	-77	-65	-42	-22
3950	-1	18	62	131	212	293	363	440	482	550
3960	590	605	586	543	491	455	415	359	333	305
3970	249	242	211	164	125	77	44	29	43	79
3980	116	167	194	212	224	234	241	254	268	297
3990	352	391	439	465	474	464	423	360	276	185
4000	70	-6	6	63	155	226	291	376	449	510
4010	536	563	549	537	535	532	547	569	586	596
4020	598	595	580	548	518	462	384	315	252	188
4030	139	101	65	39	9	-6	-15	-47	-67	-84
4040	-109	-135	-127	-97	-64	-28	9	50	77	77
4050	60	22	-10	-69	-127	-214	-269	-299	-307	-307
4060	-310	-313	-313	-312	-307	-288	-264	-240	-225	-211
4070	-207	-212	-224	-249	-263	-270	-262	-236	-209	-170
4080	-72	-22	20	48	5	-68	-138	-206	-298	-397
4090	-495	-578	-619	-635	-643	-631	-608	-572	-532	-483
4100	-425	-401	-386	-399	-445	-487	-533	-571	-581	-547
4110	-482	-425	-381	-273	-206	-178	-146	-162	-147	-127
4120	-100	-73	-44	-27	-30	-53	-103	-152	-191	-237
4130	-279	-303	-323	-326	-283	-191	-115	-40	29	79
4140	108	125	122	108	96	99	124	153	179	195
4150	202	194	171	147	130	119	116	123	135	150
4160	169	179	192	199	206	209	202	191	177	163
4170	151	145	154	173	186	197	203	201	183	158
4180	134	111	83	51	20	-8	-27	-36	-36	-35
4190	-22	-20	-18	-35	-42	-57	-62	-61	-54	-52
4200	32	79	128	156	205	241	281	323	321	303
4210	279	262	245	247	255	257	256	246	218	188
4220	154	146	125	80	69	51	37	18	-1	-11
4230	8	42	84	155	210	274	353	393	418	431
4240	419	388	438	357	329	285	208	160	111	77
4250	38	26	33	26	28	1	32	60	84	127
4260	181	217	236	251	233	233	232	251	232	205

TO BE CONTINUED

CONTINUED(S-1567 EAST)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4270	179	131	32	-52	-123	-242	-379	-511	-602	-667
4280	-708	-724	-712	-688	-662	-635	-608	-586	-565	-550
4290	-543	-541	-536	-547	-557	-581	-552	-528	-501	-477
4300	-446	-411	-381	-350	-340	-349	-375	-400	-409	-411
4310	-390	-289	-266	-192	-118	-19	100	217	331	414
4320	489	520	546	565	579	603	610	621	579	530
4330	453	349	226	104	15	-67	-79	-81	-77	-100
4340	-137	-189	-251	-302	-346	-385	-410	-425	-425	-419
4350	-409	-334	-334	-259	-208	-156	-117	-99	-97	-106
4360	-129	-136	-118	-107	-95	-80	-83	-104	-123	-146
4370	-158	-186	-223	-262	-273	-271	-260	-223	-186	-155
4380	-120	-92	-94	-4	7	26	39	61	73	76
4390	82	90	96	105	140	189	239	286	360	443
4400	538	605	677	737	790	827	855	858	839	800
4410	731	670	513	283	160	80	-49	-180	-232	-240
4420	-221	-201	-178	-159	-149	-143	-150	-152	-155	-160
4430	-166	-179	-191	-197	-197	-184	-160	-123	-87	-53
4440	-14	10	6	-28	-74	-138	-238	-337	-424	-497
4450	-500	-468	-374	-283	-173	-61	61	186	216	196
4460	134	47	-46	-148	-290	-405	-462	-489	-476	-451
4470	-402	-351	-302	-244	-173	-93	-37	-21	-56	-105
4480	-172	-234	-234	-234	-230	-313	-254	-198	-151	-91
4490	-119	-196	-253	-319	-403	-438	-459	-436	-379	-310
4500	-244	-174	9	54	145	405	438	459	436	379
4510	235	260	285	290	306	320	324	321	332	330
4520	342	355	382	414	441	464	505	566	568	578
4530	505	509	417	311	237	115	48	28	69	122
4540	200	253	317	385	446	503	544	584	609	597
4550	537	507	460	400	324	277	232	202	164	110
4560	35	-13	-112	-201	-309	-391	-459	-530	-631	-716
4570	-779	-834	-846	-788	-710	-620	-514	-358	-228	-115
4580	-10	95	170	219	278	329	379	419	455	481
4590	484	429	363	290	184	51	-79	-230	-398	-539
4600	-638	-642	-595	-497	-399	-291	-200	-150	-116	-116
4610	-133	-220	-300	-347	-377	-349	-279	-176	-28	111
4620	236	388	396	353	259	134	39	-140	-362	-456
4630	-450	-395	-305	-222	-104	-7	18	68	18	-23
4640	-48	-47	-28	-20	-45	-65	-144	-190	-225	-263
4650	-255	-207	-169	-60	17	56	72	-8	-75	-151
4660	-394	-673	-567	-629	-658	-627	-587	-680	-604	-512
4670	306	425	520	551	582	569	548	542	448	396
4680	1003	944	881	811	729	656	524	430	350	314
4690	510	320	385	413	462	527	498	432	320	201
4700	192	53	-29	-94	-206	-272	-303	-312	-275	-201
4710	-111	-51	-3	40	54	15	-24	-55	-72	-44
4720	-69	-21	49	135	241	354	472	583	658	714
4730	712	670	618	575	502	472	468	453	449	406
4740	349	283	217	148	60	-37	-114	-172	-206	-220
4750	-206	-172	-124	-100	-72	-37	-14	4	12	4
4760	10	6	-6	-28	-62	-119	-179	-246	-294	-323
4770	-330	-318	-293	-275	-272	-300	-348	-406	-451	-510
4780	-378	-616	-630	-616	-577	-531	-629	-643	-659	-670
4790	-100	19	51	120	149	203	216	235	260	265
4800	253	211	156	52	-32	-134	-224	-237	-207	-133

TO BE CONTINUED

CONTINUED(S-1567 EAST)										CONTINUED(S-1567 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4810	-60	7	90	129	128	88	51	-11	-54	-82	5350	269	247	238	251	254	239	222	192	164	140
4820	-102	-52	5	70	164	249	315	371	380	347	5360	118	101	143	235	306	390	450	513	548	556
4830	351	335	364	384	397	414	428	421	384	360	5370	548	513	478	439	382	331	288	252	253	301
4840	335	315	310	278	239	194	119	-25	-195	-347	5380	370	421	467	526	544	527	495	454	418	380
4850	-434	-550	-637	-693	-674	-623	-571	-520	-444	-377	5390	344	339	365	426	456	427	338	276	610	637
4860	-227	-74	42	164	244	307	340	352	348	326	5400	637	609	551	464	348	161	81	-59	-124	-134
4870	311	308	309	310	308	301	283	250	208	167	5410	-66	31	140	209	248	269	218	154	115	23
4880	126	79	31	-62	-232	-368	-437	-497	-547	-547	5420	-59	-96	-126	-139	-140	-140	-145	-156	-177	-201
4890	-498	-636	-667	-296	224	-166	-58	40	145	233	5430	230	269	-306	-303	-342	-466	-513	-520	-502	-465
4900	348	411	448	488	526	566	604	637	672	694	5440	-197	-321	-253	-198	-168	-132	-99	-78	-88	-118
4910	682	627	570	435	305	123	77	207	-226	188	5450	-160	-202	-218	-193	-152	-92	-35	0	2	
4920	-80	6	54	59	43	-56	-58	-108	-163	-229	5460	-31	-75	-110	-136	-155	-132	-88	-60	-60	
4930	-298	-356	-424	-474	-503	-482	-408	-303	-204	-60	5470	-152	-236	-322	-396	-441	-466	-477	-474	-460	-437
4940	116	272	139	103	50	4	113	-240	-338	-364	5480	-611	-377	-337	-247	-204	-155	-106	-54	-38	
4950	229	197	139	103	50	4	113	-240	-338	-364	5490	-31	-37	-8	32	94	131	174	189	204	
4960	-316	-238	-152	-44	79	160	149	92	-6	-137	5500	216	217	214	136	158	126	84	61	45	48
4970	-470	-264	-398	-407	-338	-262	-180	-47	48	77	5510	73	93	124	136	139	114	70	15	-30	-77
4980	-398	-419	-407	-338	-262	-180	-47	48	77	54	5520	-83	-89	-91	-90	-79	-70	-61	-37	-4	28
4990	8	-18	-39	-58	-60	-105	-128	-144	-146	-111	5530	57	118	150	209	255	290	319	358	363	361
5000	-42	24	99	180	234	287	325	350	374	397	5540	308	254	191	159	85	35	26	84	135	192
5010	617	453	514	551	571	564	532	466	309	182	5550	235	273	304	316	298	234	182	139	72	7
5020	38	-173	-348	-464	-522	-536	-528	-509	-498	-497	5560	-44	-87	-140	-225	-264	-331	-336	-340	-319	-288
5030	-697	-497	-494	-477	-439	-405	-358	-298	-224	-131	5570	-192	-123	-29	41	87	109	96	74	52	35
5040	-34	57	160	217	320	345	339	300	256	177	5580	25	14	11	10	-2	-19	-46	-83	-116	-152
5050	114	30	-95	-331	-465	-571	-703	-756	-725	-725	5590	-193	-229	-269	-203	-156	-98	-34	30	61	60
5060	-656	-511	-408	-290	-165	-25	124	276	419	419	5600	31	-7	-65	-131	-153	-140	-91	-45	-4	29
5070	508	555	519	400	367	257	105	-147	-286	-345	5610	58	71	58	37	25	5	14	-44	-85	
5080	-366	-327	-237	-143	23	207	334	446	527	553	5620	-123	-185	-269	-314	-330	-294	-228	-151	-60	39
5090	541	494	429	375	338	304	254	254	237	233	5630	99	157	176	157	117	68	15	-13	-54	-116
5100	209	199	196	204	231	253	263	261	205	159	5640	-169	-250	-339	-408	-481	-551	-614	-621	-572	-490
5110	104	30	-96	-138	-180	-192	-152	-97	-46	-9	5650	-388	-287	-231	-176	-128	-50	3	36	57	86
5120	10	26	49	77	103	131	157	171	171	165	5660	115	146	161	168	157	125	110	100	88	75
5130	149	129	117	103	93	88	99	127	163	197	5670	70	56	44	42	42	47	58	63	46	8
5140	231	280	311	334	337	311	282	234	165	71	5680	-37	-74	-120	-173	-217	-266	-280	-296	-355	-211
5150	-33	-152	-298	-457	-532	-601	-605	-571	-533	-456	5690	-101	-2	-123	-230	-323	-387	-385	-318	-242	-183
5160	-392	-333	-284	-227	-199	-162	-118	-252	-273	-276	5700	131	-41	-103	-125	-83	-35	14	67	113	156
5170	-238	-210	-159	-114	-95	-111	-148	-202	-302	-411	5710	141	133	123	118	114	85	39	-7	-65	-131
5180	-690	-513	-533	-494	-441	-398	-361	-343	-339	-395	5720	-191	-239	-262	-181	-114	-85	-59	-7	-65	-131
5190	-429	-466	-447	-440	-385	-342	-281	-174	-61	32	5730	-234	-199	-137	-27	94	203	315	413	497	509
5200	98	127	133	119	103	107	140	184	247	332	5740	470	405	347	258	139	18	-84	-155	-164	-120
5210	397	483	548	587	586	560	519	449	363	276	5750	-56	13	65	96	125	144	157	157	157	153
5220	198	126	3	-180	-254	-347	-408	-378	-294	-205	5760	142	117	77	32	32	-97	-193	-231	-222	-190
5230	-93	52	313	504	594	564	474	354	206	27	5770	-170	-142	-103	-85	-85	-116	-147	-170	-196	-238
5240	-393	-520	-714	-697	-593	-475	-353	-241	-165	-29	5780	-234	-242	-192	-178	-156	-142	-127	-106	-72	-254
5250	118	11	142	221	261	221	165	96	29	-27	5790	-21	25	61	133	184	222	254	266	267	254
5260	11	78	160	228	340	406	461	489	509	502	5800	244	248	312	346	384	401	387	349	286	187
5270	459	416	370	279	221	183	201	231	241	221	5810	121	54	105	-9	0	10	20	16	5	-28
5280	152	67	-87	-334	-341	-484	-587	-631	-653	-608	5820	-57	-78	-105	-108	-83	-46	-19	-20	-71	
5290	-532	-416	-22	-69	204	234	203	150	70	124	5830	-137	-251	-353	-462	-534	-592	-652	-608	-562	-482
5300	-21	-71	-57	-27	66	32	79	124	140	124	5840	-37	-251	-353	-462	-534	-592	-652	-608	-562	-482
5310	85	46	-7	-63	-79	-39	-22	8	28	49	5850	96	-2	-58	-79	-89	-91	-94	-104	-117	-119
5320	47	6	-67	-161	-286	-407	-500	-560	-625	-731	5860	102	-50	19	104	214	326	426	542	630	701
5330	-900	-842	-867	-865	-848	-823	-781	-731	-671	-570	5870	728	694	635	572	508	446	350	296	261	240
5340	-461	-382	-260	-97	130	219	295	363	552	314	5880	223	203	178	125	33	-73	-169	-288	-403	-481

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 EAST)										CONTINUED(S-1567 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5890	-570	-615	-651	-685	-719	-753	-787	-821	-855	-889	5930	-279	-241	-200	-135	-78	-26	13	37	39	17
5900	-21	52	23	-12	-71	-157	-207	-266	-333	-400	5940	-17	-52	-84	-135	-240	-273	-285	-289	-292	-316
5910	-54	-18	0	-82	-54	-83	-93	-130	-200	-280	5950	-335	-372	-411	-444	-479	-547	-616	-675	-705	-683
5920	-69	-83	-92	-79	-23	-79	-23	139	250	335	5960	-646	-601	-560	-498	-419	-358	-312	-254	-193	-142
5930	398	423	426	428	435	444	467	513	559	595	6470	75	8	78	153	193	200	170	117	51	-18
5940	618	568	495	390	260	158	68	-34	-83	-96	6480	-65	-109	-142	-128	-100	-74	-40	-22	-19	-30
5950	-26	75	116	175	200	172	140	125	117	151	6490	-35	-112	23	57	120	192	224	249	246	216
5960	187	225	237	243	199	158	101	9	-89	-153	6500	189	152	108	66	18	-11	-5	36	69	109
5970	227	-292	-287	-233	-169	-78	37	108	189	228	6510	130	150	127	92	54	17	-12	-88	-133	-121
5980	223	204	184	133	196	215	225	229	220	217	6520	-61	-7	179	140	195	212	244	262	276	281
5990	213	200	181	158	133	109	82	50	14	-18	6530	266	237	200	137	94	11	-62	-125	-161	-167
6000	-38	-56	-69	-84	-98	-11	32	99	173	207	6540	-167	-161	-147	-130	-117	-96	-66	-33	42	126
6010	222	218	185	137	84	16	-26	0	44	27	6550	191	236	269	300	305	287	263	250	234	231
6020	189	120	110	34	39	-35	-141	-249	-293	-277	6560	207	209	221	241	261	278	316	349	376	377
6030	-108	-47	85	189	321	456	559	631	642	628	6570	355	314	287	212	135	91	0	-37	-91	-79
6040	589	534	438	353	246	117	2	-108	-194	-256	6580	13	46	91	163	217	238	228	194	154	119
6050	-258	-223	-157	-69	53	155	212	242	217	137	6590	84	39	-2	-60	-71	-87	-92	-91	-87	-82
6060	129	104	106	125	158	223	285	358	432	471	6600	-75	-84	-96	-110	-123	-145	-159	-163	-152	-133
6070	441	364	275	176	-19	-191	-358	-422	-419	-380	6610	-110	-82	-54	-26	-3	19	22	-3	-47	-107
6080	-341	-319	-296	-287	-270	-232	-209	-180	-85	34	6620	-169	-222	-287	-346	-387	-421	-431	-428	-424	-406
6090	105	291	366	423	476	473	418	329	247	143	6630	-373	-344	-327	-291	-236	-202	-156	-107	-40	13
6100	34	-102	-251	-318	-367	-381	-355	-265	-220	-143	6640	40	76	104	130	130	119	104	76	25	-20
6110	-39	98	202	260	290	242	180	118	66	34	6650	-67	-90	-121	-137	-147	-142	-123	-95	-58	-47
6120	50	69	95	102	100	84	60	39	20	0	6660	-33	-20	-29	-34	-46	-57	-65	-61	-68	-61
6130	-20	-31	-27	8	70	130	192	248	306	347	6670	-19	11	52	103	138	176	210	203	167	126
6140	350	320	246	193	99	-12	-141	-279	-323	-302	6680	62	30	15	-33	0	38	76	123	176	216
6150	-256	-189	-160	-118	-85	-67	-63	-58	-32	4	6690	225	207	205	204	203	212	216	204	171	138
6160	46	82	104	104	74	21	-41	-117	-178	-222	6700	78	22	-22	-71	-113	-151	-159	-148	-135	-128
6170	-276	-334	-380	-397	-415	-428	-425	-405	-387	-361	6710	-130	-146	-155	-154	-147	-166	-190	-208	-212	205
6180	-356	-317	-303	-284	-242	-188	-142	-99	-34	70	6720	44	84	110	159	148	166	190	208	212	205
6190	154	226	310	346	333	297	250	185	105	36	6730	187	159	126	101	81	65	68	92	131	177
6200	-22	-75	-124	-146	-183	-202	-211	-199	-155	-98	6740	238	312	351	410	443	456	449	413	370	326
6210	6210	42	6	47	101	130	158	175	185	190	6750	285	241	210	212	234	262	293	315	332	340
6220	198	204	207	208	208	208	206	205	197	180	6760	336	335	338	336	338	347	358	369	375	361
6230	153	133	104	50	-3	-60	-106	-130	-203	-214	6770	340	321	295	268	252	234	220	202	177	154
6240	-194	-163	-130	-92	-61	-56	-68	-160	-221	-257	6780	118	61	-3	-83	-92	-136	-164	-169	-152	-131
6250	-286	-244	-173	-129	-62	-14	70	95	45	-8	6790	-110	-88	-69	-64	-66	-110	-120	-142	-158	-162
6260	-48	-94	-188	-268	-371	-429	-498	-576	-658	-748	6800	-152	-119	-89	-65	-50	-76	-93	-114	-116	-111
6270	-48	-59	-71	-72	-50	-21	11	41	85	130	6810	-52	-36	-48	-30	-57	-76	-93	-114	-116	-111
6280	171	192	184	160	114	64	20	-20	-52	-80	6820	-79	-27	28	70	104	147	167	157	121	82
6290	-95	-89	-72	-69	-27	-4	27	61	94	123	6830	44	-2	34	-60	-77	-89	-91	-79	-59	-59
6300	149	182	213	227	221	204	185	161	128	91	6840	-15	22	56	84	104	121	120	108	88	62
6310	55	23	-13	-61	-105	-136	-148	-145	-114	-67	6850	36	-13	-52	-72	-77	-71	-51	-24	8	6
6320	-21	15	48	62	51	31	19	31	73	125	6860	14	2	-26	-55	-85	-110	-134	-143	-139	-106
6330	168	221	276	322	356	388	394	378	344	286	6870	-77	-62	-68	-81	-92	-110	-128	-145	-169	-169
6340	211	129	31	-65	-151	-242	-268	-259	-221	111	6880	-193	-217	-256	-301	-337	-403	-465	-471	-435	-399
6350	-84	-7	84	193	232	257	247	212	174	114	6890	-363	-314	-266	-233	-212	-200	-190	-169	-135	-59
6360	49	-3	-46	-69	-86	-88	-58	-16	32	57	6900	-60	-80	-100	-150	-166	-153	-111	52	8	38
6370	90	111	127	157	178	197	206	209	207	180	6910	-120	-80	-98	-102	-87	-54	-19	11	37	66
6380	150	128	100	70	67	78	116	171	197	259	6920	84	104	119	136	135	140	143	156	177	207
6390	277	258	207	160	74	0	-17	23	42	133	6930	241	271	300	321	317	300	278	282	299	206
6400	192	241	276	275	227	167	86	-46	-145	-237	6940	206	212	227	232	217	226	229	251	269	288
6410	-229	-379	-425	-450	-460	-501	-524	-551	-571	-567	6950	347	382	412	430	421	426	449	452	443	420
6420	-537	-506	-479	-449	-427	-418	-407	-396	-376	-350	6960	394	368	338	316	2-1	263	240	218	191	168

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 EAST)										CONTINUED(S-1567 EAST)											
No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6970	129	88	47	27	6	-5	-17	-18	-11	3	7510	-45	-45	-61	-61	-63	-47	-54	-58	-59	-67
6980	26	60	90	132	200	246	289	319	336	320	7520	-72	-73	-80	-85	-85	-67	-81	-89	-89	-91
6990	395	266	197	127	62	8	-60	-74	-87	-80	7530	-89	-94	-97	-102	-105	-93	-81	-61	-35	-19
7000	-69	-58	-55	-63	-69	-75	-89	-90	-82	-69	7540	-13	-3	-6	6	18	29	43	52	53	50
7010	-36	-46	-35	-30	-33	-42	-54	-64	-81	-109	7550	44	34	29	23	19	16	13	11	6	3
7020	-142	-192	-234	-257	-276	-288	-301	-270	-225	-169	7560	-2	-6	-8	-11	-14	-21	-31	-43	-58	-70
7030	-116	-56	-10	35	77	116	147	170	185	186	7570	-84	-97	-98	-90	-66	-36	-12	15	34	41
7040	164	127	81	19	-45	-115	-161	-211	-250	-280	7580	42	39	31	24	31	46	60	78	84	85
7050	305	334	357	378	384	-382	-378	-363	-341	-320	7590	109	110	102	93	82	79	78	84	85	80
7060	-294	-258	-220	-190	-171	-167	-181	-202	-223	-243	7600	75	72	65	57	46	38	39	47	57	63
7070	-263	-280	-278	-259	-229	-197	-160	-114	-81	-46	7610	62	60	62	59	52	57	70	81	87	94
7080	-16	2	26	34	37	39	38	40	39	38	7620	113	129	131	120	97	78	63	46	30	15
7090	37	35	24	14	0	-7	-20	-30	-46	-60	7630	7	7	7	6	4	7	14	29	40	57
7100	-42	0	37	77	145	183	217	229	235	226	7640	64	75	82	82	76	68	68	67	61	59
7110	188	132	88	55	16	-24	-41	-42	-30	9	7650	56	52	30	41	53	13	-4	-20	-32	-39
7120	5	21	22	18	10	15	15	15	19	23	7660	-36	-59	-44	-23	5	23	52	70	85	90
7130	27	21	14	3	-14	-34	-57	-83	-97	-94	7670	88	81	73	70	62	62	59	51	41	32
7140	-85	-68	-47	-32	-16	5	24	36	44	48	7680	21	12	6	0	-1	3	12	27	36	45
7150	-47	-32	-16	5	24	36	44	48	47	47	7690	62	67	74	75	74	73	74	72	72	67
7160	46	44	49	65	81	94	110	134	159	173	7700	61	54	46	36	26	19	11	-4	-16	-25
7170	173	162	146	129	114	100	88	84	81	85	7710	-30	-45	-69	-84	-96	-111	-131	-149	-168	-187
7180	67	53	49	37	26	22	29	41	63	82	7720	-196	-219	-233	-241	-245	-230	-213	-202	-188	-172
7190	98	115	120	110	91	71	49	15	-19	-34	7730	-157	-147	-141	-133	-127	-120	-109	-99	-88	-77
7200	-46	-56	-59	-45	-38	-25	-17	-7	-11	-18	7740	-68	-60	-58	-62	-60	-57	-58	-52	-43	-32
7210	-28	-33	-31	-30	-32	-34	-45	-53	-83	-109	7750	-18	-10	-8	-6	-6	-8	-15	-20	-17	-11
7220	-132	-159	-178	-174	-140	-126	-96	-70	-19	-2	7760	-4	3	8	15	14	10	5	0	-4	-11
7230	10	17	17	17	26	41	56	72	88	97	7770	-21	-21	-13	-2	5	14	24	30	37	46
7240	100	92	77	65	15	-2	-30	-41	-53	-60	7780	54	62	68	73	76	81	88	101	116	128
7250	-60	-60	-66	-74	-86	-94	-99	-102	-95	-84	7790	142	154	162	165	171	163	148	144	137	130
7260	-72	-60	-61	-54	-46	-51	-55	-59	-62	-61	7800	109	101	92	77	76	75	71	68	62	56
7270	-65	-69	-70	-63	-55	-42	-34	-24	-24	-11	7810	45	39	34	28	34	45	64	68	84	91
7280	2	29	74	104	145	178	207	224	229	225	7820	100	97	91	86	81	74	68	62	58	56
7290	219	214	213	221	235	243	246	252	251	241	7830	52	47	43	41	42	59	66	80	95	104
7300	227	210	194	170	142	112	83	58	39	29	7840	111	111	105	98	87	73	55	44	43	48
7310	23	22	27	36	43	50	55	57	54	45	7850	57	66	78	85	95	102	105	110	112	113
7320	33	21	8	-6	-24	-34	-41	-50	-55	-54	7860	113	111	99	91	63	46	23	-5	-26	-42
7330	-51	-44	-37	-33	-25	-15	-3	5	14	19	7870	-57	-72	-70	-78	-90	-100	-90	-72	-60	-44
7340	21	26	29	30	33	40	45	40	24	19	7880	132	121	10	4	24	61	59	77	92	103
7350	10	-2	-13	-16	-15	-14	-12	-12	-11	-17	7890	115	124	122	112	99	87	77	75	76	80
7360	-26	-32	-47	-62	-73	-81	-108	-128	-140	-146	7900	87	93	108	113	111	100	84	65	52	42
7370	-43	-39	-34	-32	-30	-34	-47	-61	-70	-82	7910	38	41	48	57	66	76	82	79	72	69
7380	-189	-166	-143	-134	-117	-95	-83	-69	-65	-67	7920	69	68	63	56	50	44	46	48	48	48
7390	-67	-61	-66	-62	-59	-48	-35	-26	-14	-4	7930	47	46	47	47	51	65	72	77	89	95
7400	5	7	5	-3	-16	-29	-52	-73	-91	-101	7940	103	105	102	86	73	57	51	41	29	16
7410	-114	-138	-159	-158	-144	-150	-156	-157	-153	-153	7950	6	-3	-17	-28	-48	-65	-74	-76	-84	-96
7420	-143	-125	-101	-78	-63	-40	-24	-21	-27	-35	7960	-106	-119	-135	-153	-162	-184	-200	-210	-211	-211
7430	-43	-60	-80	-109	-134	-168	-206	-237	-247	-248	7970	-215	-216	-214	-212	-212	-212	-210	-206	-197	-185
7440	-231	-208	-160	-120	-79	-35	3	37	67	94	7980	-167	-158	-149	-137	-125	-111	-96	-89	-73	-66
7450	124	141	155	171	183	195	193	182	170	154	7990	-57	-49	-52	-63	-75	-90	-100	-90	-72	-60
7460	135	119	101	84	74	68	63	66	72	80	8000	32	47	58	67	79	91	107	115	119	124
7470	88	95	100	97	88	77	64	48	29	11	8010	128	135	107	92	77	63	50	43	41	37
7480	-5	-29	-52	-71	-91	-108	-121	-126	-121	-120	8020	33	30	28	25	19	14	6	5	6	10
7490	-117	-121	-130	-143	-153	-167	-182	-192	-191	-195	8030	14	15	14	15	12	5	-12	-28	-49	-73
7500	-193	-189	-176	-156	-132	-114	-100	-82	-68	-59	8040	-123	-147	-158	-175	-191	-200	-208	-211	-204	-189

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1567 EAST)											CONTINUED (S-1567 EAST)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8050	-173	-158	-143	-129	-115	-100	-91	-82	-79	-79	8590	116	105	93	80	69	63	59	51	34	18
8060	-80	-82	-84	-87	-91	-98	-99	-98	-96	-91	8600	10	8	5	-5	-8	-6	-4	-2	-1	-4
8070	-83	-74	-62	-60	-60	-60	-64	-72	-77	-79	8610	9	-12	-11	-10	0	0	8	10	7	7
8080	-86	-91	-83	-86	-99	-100	-101	-103	-107	-110	8620	10	16	17	18	23	29	38	49	64	79
8090	-110	-115	-120	-125	-127	-135	-117	-106	-94	-82	8630	92	103	110	114	114	114	111	98	76	65
8100	-85	-62	-62	-60	-57	-56	-57	-60	-60	-60	8640	54	42	34	27	23	21	15	7	4	4
8110	-58	-52	-47	-42	-41	-46	-44	-59	-67	-71	8650	1	-2	-6	-11	-14	-13	-15	-18	-25	-41
8120	-78	-81	-83	-89	-98	-101	-103	-105	-108	-114	8660	-69	-58	-71	-82	-94	-96	-96	-85	-72	-60
8130	-113	-110	-108	-105	-101	-95	-82	-18	-2	12	8670	-40	-28	-10	0	5	4	4	4	3	0
8140	26	40	49	55	65	69	58	50	49	48	8680	-1	-4	-9	-14	-17	-26	-32	-39	-45	-51
8150	48	48	45	42	41	41	43	45	50	54	8690	-55	-58	-61	-62	-62	-59	-47	-43	-38	-32
8160	57	65	71	73	76	81	85	91	98	102	8700	-28	-26	-26	-26	-26	-23	-16	-7	2	10
8170	103	101	100	99	95	87	75	62	52	44	8710	13	14	10	4	2	-2	-6	-13	-17	-19
8180	34	24	18	14	14	20	31	43	55	67	8720	-26	-31	-39	-41	-45	-54	-59	-64	-71	-77
8190	82	89	98	102	101	98	93	88	85	78	8730	-88	-108	-121	-129	-140	-151	-164	-178	-187	-198
8200	69	67	66	64	64	58	45	35	23	10	8740	-20	-24	-35	-243	-247	-253	-257	-262	-265	-267
8210	5	6	6	11	20	25	25	23	19	14	8750	263	257	255	255	253	252	250	248	246	245
8220	7	0	0	-3	-5	-5	-8	-21	-32	-46	8760	-244	-241	-236	-232	-229	-219	-208	-197	-189	-179
8230	-58	-67	-77	-84	-84	-84	-82	-79	-75	-68	8770	-165	-154	-148	-139	-131	-130	-127	-121	-121	-121
8240	-65	-57	-55	-47	-40	-32	-22	-15	-12	-12	8780	-120	-113	-103	-98	-87	-83	-81	-74	-68	-65
8250	-20	26	37	42	43	35	27	11	6	15	8790	-59	-45	-41	-36	-41	-38	-30	-22	-20	-20
8260	20	26	37	42	43	35	27	11	6	15	8800	-18	-14	-7	-1	0	0	0	0	-1	-9
8270	-22	-24	-32	-40	-43	-53	-60	-69	-77	-83	8810	-17	-29	-34	-45	-53	-55	-54	-50	-44	-40
8280	-84	-84	-78	-69	-62	-51	-36	-20	-11	-17	8820	-34	-29	-20	-8	-5	-3	1	2	4	9
8290	-23	-28	-32	-41	-55	-62	-66	-67	-74	-78	8830	16	26	34	34	36	41	44	46	44	46
8300	-79	-80	-81	-82	-82	-82	-82	-82	-80	-75	8840	47	47	47	48	50	52	55	59	59	65
8310	-67	-61	-60	-60	-60	-61	-67	-74	-77	-77	8850	69	71	76	85	91	95	102	108	106	99
8320	-77	-77	-77	-77	-77	-77	-77	-74	-68	-68	8860	87	68	52	38	26	12	6	-3	-16	-29
8330	-74	-82	-88	-93	-104	-110	-112	-112	-111	-110	8870	-37	-50	-63	-74	-81	-86	-98	-105	-113	-124
8340	-108	-102	-97	-89	-79	-72	-63	-54	-50	-44	8880	-125	-144	-150	-159	-171	-181	-186	-187	-187	-186
8350	-45	-43	-41	-39	-33	-27	-18	-8	6	17	8890	-183	-181	-181	-181	-181	-177	-171	-168	-167	-167
8360	27	36	41	51	51	53	53	54	61	82	8900	-162	-157	-156	-154	-152	-151	-150	-151	-155	-161
8370	91	102	114	124	132	139	143	147	155	156	8910	-166	-171	-173	-177	-179	-179	-179	-179	-181	-189
8380	161	168	172	173	182	188	191	182	185	184	8920	-197	-193	-186	-180	-176	-175	-172	-172	-172	-172
8390	136	193	195	198	199	196	191	188	185	183	8930	-170	-167	-167	-162	-152	-144	-137	-124	-113	-99
8400	180	177	175	174	172	168	160	158	150	144	8940	-83	-75	-72	-61	-59	-56	-56	-52	-46	-4
8410	140	129	122	114	113	113	119	121	125	131	8950	-43	-49	-48	-42	-42	-38	-32	-20	-16	-4
8420	136	139	139	139	139	138	138	136	129	119	8960	7	16	24	24	33	40	44	52	53	63
8430	114	103	85	66	48	35	26	17	17	29	8970	68	74	74	74	86	94	94	104	109	115
8440	54	53	55	52	52	52	52	52	52	52	8980	122	143	163	177	184	192	207	203	202	192
8450	57	47	35	25	17	8	1	-7	-19	-25	8990	188	186	181	174	176	175	173	177	180	180
8460	-36	-41	-41	-41	-42	-44	-43	-38	-29	-19	9000	179	177	171	161	150	162	140	132	122	117
8470	-9	-2	-2	-4	-9	-12	-13	-19	-22	-24	9010	106	93	82	71	64	61	68	39	30	25
8480	-28	-30	-30	-28	-25	-21	-13	-11	-10	-7	9020	18	20	24	23	20	35	35	35	36	59
8490	3	7	-17	-24	-27	-29	-20	-8	-10	-12	9030	42	39	33	28	21	16	9	0	-8	-13
8500	-133	-134	-127	-110	-86	-71	-58	-41	-30	-27	9040	-21	-27	-27	-29	-30	-30	-30	-31	-31	-31
8510	-17	-10	0	7	13	23	27	31	24	25	9050	-31	-31	-31	-31	-31	-31	-31	-29	-24	-17
8520	7	0	-5	-5	-2	1	15	17	19	25	9060	-12	-5	2	8	11	12	14	16	23	31
8530	30	35	40	49	63	67	84	95	105	110	9070	22	27	44	51	59	61	71	76	79	90
8540	110	110	116	117	117	117	117	108	100	96	9080	91	82	76	74	61	51	43	38	30	22
8550	90	77	73	73	75	84	91	103	113	115	9090	12	19	3	7	5	7	11	19	20	23
8560	114	98	91	85	78	75	70	64	63	66	9100	23	19	18	24	32	41	45	50	59	66
8570	70	80	89	91	89	92	95	95	96	99	9110	68	66	70	70	70	69	59	70	70	70
8580	106	113	124	133	139	144	145	142	138	128	9120	84	85	92	104	119	130	146	153	162	171

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1567 EAST)										CONTINUED (S-1567 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
9130	170	173	174	178	180	181	181	182	177	165	9670	3	3	3	3	4	4	1	0	0	-2
9140	157	147	135	124	111	106	94	82	177	165	9680	-4	-7	-12	-14	-19	-20	-21	-24	-19	-14
9150	68	67	72	77	84	91	96	102	106	106	9690	-12	-8	-5	-2	0	0	-2	-8	-15	-19
9160	110	114	117	122	125	125	125	126	132	137	9700	-22	-26	-31	-38	-44	-48	-56	-60	-63	-49
9170	129	121	112	105	97	88	76	64	59	56	9710	-65	-65	-62	-59	-59	-53	-59	-53	-51	-65
9180	53	53	55	61	68	72	76	79	81	86	9720	-45	-42	-41	-40	-39	-38	-38	-36	-36	-35
9190	91	98	107	115	124	135	142	148	155	161	9730	-29	-21	-18	-20	-21	-22	-25	-26	-30	-35
9200	171	181	183	186	188	189	186	183	184	184	9740	-40	-48	-48	-47	-44	-43	-42	-58	-56	-59
9210	181	175	167	161	160	158	156	152	146	145	9750	-61	-53	-44	-40	-36	-33	-30	-28	-25	-22
9220	142	135	131	132	140	130	129	126	126	123	9760	-20	-20	-21	-22	-23	-26	-30	-35	-33	-31
9230	121	119	112	107	102	95	89	84	82	77	9770	-28	-22	-21	-22	-20	-20	-20	-20	-20	-20
9240	174	178	183	189	195	199	111	104	104	104	9780	-15	-13	0	3	14	19	15	6	1	3
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9260	88	80	72	68	68	64	66	74	86	88	9800	20	26	31	38	40	41	42	44	43	39
9270	88	88	85	87	87	85	87	74	86	88	9810	35	26	18	8	3	0	0	-3	-7	-9
9280	89	96	101	103	105	101	98	96	93	93	9820	-17	-27	-30	-34	-35	-36	-36	-34	-26	-26
9290	93	97	92	85	79	71	68	65	65	71	9830	-30	-30	-31	-33	-34	-35	-36	-39	-41	-43
9300	81	84	87	94	100	102	103	100	92	89	9840	-47	-49	-38	-33	-34	-30	-29	-25	-23	-20
9310	85	78	70	62	55	48	42	36	33	30	9850	-17	-15	-17	-19	-21	-22	-22	-21	-21	-22
9320	25	23	28	33	33	38	43	48	56	62	9860	-23	-26	-28	-31	-35	-36	-37	-40	-41	-36
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9360	5	7	8	7	9	9	9	12	22	22	9900	110	110	110	110	110	110	111	114	116	117
9370	17	16	11	10	6	3	-1	-7	-15	-23	9910	117	112	106	105	105	109	118	128	134	140
9380	-30	-30	-20	-20	-29	-28	-30	-32	-36	-36	9920	145	143	140	145	145	145	145	143	142	136
9390	-37	-38	-44	-48	-49	-50	-55	-55	-56	-60	9930	135	134	134	133	132	129	124	121	119	121
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9410	-66	-66	-74	-75	-75	-75	-72	-67	-65	-61	9950	96	99	103	105	107	112	115	115	115	116
9420	-58	-56	-53	-53	-53	-53	-53	-54	-54	-62	9960	120	120	116	114	102	101	99	95	94	91
9430	-72	-76	-76	-76	-71	-63	-59	-54	-46	-37	9970	95	99	103	104	111	115	123	123	125	125
9440	-28	-20	-16	-15	-15	-14	-14	-14	-13	-12	9980	124	123	120	119	114	113	110	108	105	103
9450	-11	-11	-11	-11	-13	-16	-18	-18	-18	-18	9990	100	97	94	89	86	83	80	75	72	68
9460	-18	-20	-26	-29	-29	-34	-41	-43	-44	-44	10000	65	62	59	55	48	41	33	26	21	17
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9510	63	58	49	41	30	18	13	15	14	12	10050	26	26	26	26	26	26	26	24	21	21
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9560	-49	-57	-62	-66	-66	-66	-66	-66	-66	-66	10100	75	75	76	78	80	82	84	84	84	84
9570	-123	-131	-131	-133	-147	-155	-155	-150	-147	-143	10110	81	80	79	80	83	88	91	93	95	98
9580	-139	-136	-134	-134	-139	-143	-148	-154	-158	-164	10120	98	96	95	95	96	105	109	112	115	115
9590	-173	-178	-183	-186	-186	-186	-186	-186	-186	-181	10130	119	120	122	123	123	123	123	127	129	133
9600	-177	-172	-168	-161	-157	-152	-147	-139	-131	-122	10140	134	134	134	134	128	124	124	124	124	126
9610	-114	-108	-100	-94	-87	-77	-69	-62	-52	-40	10150	129	137	146	146	145	144	140	134	130	127
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9640	-18	-19	-19	-21	-24	-24	-27	-31	-31	-32	10180	20	16	12	13	16	18	18	18	18	18
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CONTINUED(S-1567 EAST)										CONTINUED(S-1567 EAST)											
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10240	-131	-130	-130	-130	-127	-124	-121	-119	-115	-114	10780	-69	-69	-70	-72	-73	-73	-73	-73	-73	-73
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10490	-33	-33	-33	-33	-33	-33	-33	-35	-38	-42	11030	78	77	76	76	76	76	76	76	71	63
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10530	-106	-110	-104	-104	-104	-104	-104	-104	-100	-98	11070	23	22	21	22	24	25	29	29	28	28
10540	-97	-90	-89	-82	-76	-75	-71	-71	-73	-81	11080	28	27	25	23	21	20	16	15	12	11
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10560	-99	-96	-88	-87	-85	-85	-85	-85	-85	-85	11100	-36	-34	-37	-39	-39	-40	-40	-45	-49	-52
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10580	-69	-47	-42	-38	-39	-39	-37	-36	-36	-36	11120	-60	-67	-74	-78	-84	-84	-85	-84	-83	-80
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10610	51	52	53	54	56	58	61	64	66	72	11150	-104	-104	-102	-101	-101	-100	-98	-98	-98	-98
10620	79	83	88	93	91	89	92	95	93	90	11160	-97	-99	-109	-105	-104	-102	-100	-98	-98	-98
10630	89	89	88	84	81	79	77	75	72	69	11170	-109	-106	-96	-94	-96	-98	-98	-101	-101	-101
10640	68	68	68	70	71	72	74	73	71	70	11180	-111	-108	-103	-101	-101	-101	-101	-101	-101	-101
10650	68	65	62	62	64	67	69	68	72	78	11190	-101	-101	-105	-108	-110	-112	-113	-110	-107	-104
10660	83	84	85	85	85	85	85	84	76	71	11200	-103	-102	-101	-101	-100	-97	-95	-95	-95	-95
10670	70	70	70	70	69	69	70	71	70	68	11210	-95	-95	-94	-94	-96	-100	-105	-106	-109	-110
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10690	41	40	34	30	24	20	19	19	24	24	11230	-122	-118	-112	-108	-101	-100	-100	-100	-99	-97
10700	26	26	26	26	27	28	28	34	37	39	11240	-96	-97	-98	-98	-96	-89	-84	-84	-77	-72
10710	39	39	40	41	41	42	44	44	43	38	11250	-79	-79	-70	-63	-61	-57	-52	-49	-47	-49
10720	33	30	30	26	18	15	14	11	9	8	11260	-49	-50	-44	-39	-39	-32	-39	-33	-31	-28
10730	6	2	1	-1	-4	-1	0	3	6	9	11270	-28	-24	-19	-18	-20	-24	-16	-16	-16	-8
10740	15	18	19	18	15	11	6	1	-2	-5	11280	-8	-13	-14	-14	-8	-8	-7	-4	-5	-5

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 EAST)										CONTINUED(S-1567 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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11310	23	25	26	26	26	20	26	26	30	34	11850	-3	-3	-3	-5	-3	-3	-7	-4	-2	0
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11330	49	49	47	46	46	43	39	36	34	34	11870	12	14	15	16	17	18	20	21	21	21
11340	34	34	33	30	26	22	18	16	15	13	11880	19	14	10	8	7	9	13	13	16	23
11350	10	5	2	2	4	4	2	0	0	0	11890	26	28	33	35	35	37	38	38	39	38
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11510	5	5	5	6	10	13	14	14	17	18											
11520	18	17	15	15	14	13	13	12	7	1											
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11540	-16	-20	-21	-29	-29	-31	-35	-37	-39	-40											
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11560	-20	-19	-19	-18	-15	-15	-15	-16	-16	-14											
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11590	15	11	10	9	8	8	7	5	5	5											
11600	5	6	5	3	1	0	2	6	6	7											
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11630	-9	-13	-12	-10	-11	-14	-13	-11	-10	-10											
11640	-10	-10	-10	-10	-10	-10	-9	-7	-5	-4											
11650	-4	-4	-2	-1	0	3	2	0	-1	-1											
11660	0	1	4	4	5	5	7	8	8	8											
11670	8	10	14	15	16	18	19	20	22	25											
11680	24	29	30	31	33	35	36	36	39	43											
11690	44	44	45	45	46	49	51	54	55	58											
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11720	60	60	59	55	54	55	53	53	51	49											
11730	45	39	37	35	32	31	31	31	31	29											
11740	28	28	28	28	28	33	38	40	34	31											
11750	30	27	22	21	18	16	10	5	4	2											
11760	0	-3	-2	3	8	10	11	14	17	18											
11770	17	14	11	11	10	8	4	-1	-4	-8											
11780	-15	-16	-16	-16	-20	-25	-28	-31	-32	-34											
11790	-34	-36	-37	-40	-41	-38	-36	-35	-31	-30											
11800	-28	-26	-26	-23	-21	-20	-17	-15	-14	-12											
11810	-11	-11	-11	-10	-9	-9	-8	-8	-8	-8											
11820	-10	-12	-14	-13	-13	-16	-13	-11	-10	-9											

END

TO BE CONTINUED

RECORD = S-1567 COMPONENT = DOWN STATION = AKITA-S
 DATE AND TIME = 1983-05-26-12-00 TOTAL NUMBER OF DATA = 12050
 SIGNAL = GR. ACC. SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 CONNECTION POINT IN DATA NUMBER = 3052, 6055, 9062, 12050.

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	22	24	24	27	31	33	36	38	39	39
10	39	38	38	37	30	23	16	9	4	0
20	-3	-8	-15	-22	-29	-32	-32	-33	-32	-30
30	-28	-23	-18	-13	-11	-8	-7	-6	-6	-3
40	0	7	17	30	45	57	63	66	64	63
50	64	64	61	58	54	51	50	47	45	39
60	35	34	34	30	25	20	9	0	-6	-11
70	-17	-41	-56	-62	-76	-81	-76	-66	-57	-48
80	-47	-37	-21	-8	8	24	34	67	88	98
90	102	96	92	93	100	109	118	126	130	124
100	103	80	59	34	-2	-54	-123	-181	-199	-207
110	-12	-199	-184	-168	-149	-142	-129	-98	-63	-26
120	9	27	27	27	39	46	51	56	60	70
130	82	79	74	72	69	53	39	26	15	8
140	10	21	23	18	-7	-20	-33	-43	-33	-16
150	-2	17	39	59	99	68	61	49	41	36
160	33	41	56	70	66	56	48	43	51	63
170	78	89	69	45	21	-12	-22	-24	-29	-31
180	-37	-12	15	36	56	63	49	15	-11	-11
190	-28	-43	-41	-21	27	43	67	82	101	109
200	-73	-41	200	169	189	206	201	161	128	99
210	150	169	189	206	201	161	128	99	77	66
220	65	68	78	80	80	77	66	56	45	32
230	19	10	3	-3	-13	-33	-66	-84	-112	-127
240	-35	-139	-136	-125	-112	-110	-111	-105	-102	-102
250	-89	-80	-77	-67	-48	-27	0	34	73	108
260	132	142	135	110	76	48	27	17	17	17
270	17	31	57	76	86	72	49	28	12	3
280	-1	-1	1	1	9	11	15	19	23	24
290	17	0	-18	-35	-48	-58	-61	-60	-58	-53
300	-49	-41	-35	-32	-36	-42	-50	-54	-58	-62
310	-62	-62	-62	-59	-48	-59	-51	-51	-53	-52
320	-92	-125	-171	-208	-210	-209	-196	-163	-147	-130
330	-114	-97	-81	-67	-77	-77	-62	-51	-44	-44
340	-41	-42	-36	-31	-19	-10	8	16	38	61
350	82	98	117	119	118	106	100	85	63	36
360	19	9	-1	-4	-5	-8	-9	-9	-9	-9
370	-54	-64	-56	-47	-10	0	-17	-54	-83	-105
380	-112	-92	-68	-41	-41	-47	-49	-36	-23	0
390	27	43	53	58	61	60	55	31	-1	-20
400	-29	-37	-48	-59	-75	-95	-110	-117	-116	-115
410	-115	-116	-113	-106	-88	-67	-45	-20	1	19
420	21	14	3	0	-11	-13	-18	-13	5	20
430	21	32	40	31	0	-25	-39	-87	-141	-171
440	-201	-227	-226	-225	-214	-198	-184	-170	-149	-123
450	-105	-89	-63	-22	21	72	124	155	165	175
460	208	232	228	228	240	265	301	316	311	283
470	256	236	229	218	239	244	247	213	176	124
480	73	17	8	8	8	-15	-36	-74	-76	-81

TO BE CONTINUED

CONTINUED(S-1567 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	-101	-112	-124	-126	-117	-109	-105	-98	-89	-87
500	-79	-50	-25	-25	0	16	22	35	49	85
510	130	142	152	148	137	126	119	106	88	49
520	15	-6	-12	-11	0	5	5	4	5	14
530	32	55	55	32	0	-32	-50	-60	-69	-77
540	-90	-104	-114	-139	-167	-202	-238	-355	-391	-409
550	-32	-36	-281	-221	-152	-92	-44	-10	13	46
560	91	143	190	240	278	299	295	276	248	208
570	157	110	83	53	19	-91	-64	-82	-67	-56
580	-34	-19	-25	-47	-72	-91	-93	-72	-19	33
590	85	107	117	122	116	111	114	124	134	142
600	163	141	129	99	77	70	100	110	115	78
610	-39	-11	-71	-99	-121	-132	-153	-168	-160	-166
620	-148	-117	-109	-100	-94	-71	-53	-5	19	23
630	18	4	-12	-30	-20	-33	-33	-55	-84	-86
640	-104	-128	-119	-81	-28	30	70	92	103	115
650	141	180	190	159	127	92	51	28	8	10
660	28	49	65	73	95	127	159	194	220	237
670	226	210	186	162	132	108	95	80	3	81
680	-122	-144	-148	-155	-154	-149	-164	-188	-224	-242
690	-243	-250	-260	-273	-297	-331	-381	-588	-571	-582
700	-209	-165	-128	-109	-98	-84	-74	-48	-28	-52
710	-78	-91	-69	-34	-10	4	16	21	22	24
720	25	29	29	24	-2	-38	-65	-73	-80	-67
730	-61	-15	17	19	7	-14	-68	-84	-100	-116
740	-106	-93	-76	-43	-11	26	56	77	74	58
750	26	-4	-29	-92	-126	-111	-73	-67	-61	-64
760	-80	-124	-139	-124	-100	-63	-44	-21	24	84
770	135	167	190	195	209	212	212	186	155	134
780	123	109	119	111	101	78	28	-68	-95	-95
790	-83	-75	-65	-63	-70	-75	-66	-41	0	28
800	19	0	-28	-39	-45	-33	-15	-10	-23	-46
810	-90	-111	-105	-76	-35	3	42	84	122	152
820	185	216	232	246	266	272	282	281	254	212
830	160	137	131	128	128	121	107	96	85	66
840	49	34	11	-14	-39	-52	-57	-62	-82	-111
850	-136	-164	-186	-199	-210	-228	-228	-225	-212	-190
860	-165	-156	-152	-151	-116	-123	-85	-33	29	90
870	137	131	134	143	142	133	120	105	89	78
880	75	60	48	40	26	2	22	50	71	80
890	-67	-55	-40	-40	7	74	148	213	249	240
900	192	153	116	68	9	-47	-86	-140	-147	-148
910	-121	-54	-38	-33	-37	-68	-82	-101	-116	-134
920	-147	-158	-148	-124	-66	-22	21	60	115	112
930	108	117	123	138	149	159	168	170	154	138
940	130	122	106	84	21	-62	-115	-126	-136	-146
950	-133	-97	-51	-22	-28	-45	-54	-39	-24	-14
960	-83	-21	-34	-60	-31	-96	-92	-86	-82	-82
970	-103	-72	-30	40	90	106	115	121	135	149
980	151	138	106	55	8	-17	-34	-10	30	30
990	-18	-86	-140	-182	-197	-201	-195	-188	-192	-202
1000	-210	-196	-153	-92	-16	56	227	216	201	185
1010	151	168	200	224	234	236	227	216	201	185
1020	183	167	154	147	133	120	109	108	108	108

TO BE CONTINUED

CONTINUED (S-1567 DOWN)										CONTINUED (S-1567 DOWN)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	95	86	77	68	57	47	31	22	14	-2	1570	15	54	103	132	140	145	149	148	148	145
1040	-55	-53	-67	-78	-89	-114	-141	-158	-171	-170	1580	137	119	108	109	112	119	125	129	131	120
1050	-162	-100	-89	-75	-65	-56	-45	-33	-23	-10	1590	91	61	-7	-93	-85	-112	-129	-149	-157	-156
1060	-100	-89	-75	-65	-56	-45	-33	-23	-10	-3	1600	-158	-154	-150	-140	-140	-150	-167	-179	-186	-186
1070	-91	-82	-74	-64	-54	-44	-34	-24	-14	-3	1610	-184	-181	-169	-163	-163	-208	-269	-319	-348	-364
1080	40	97	133	144	140	134	131	148	167	185	1620	-371	-376	-373	-383	-391	-393	-380	-365	-355	-359
1090	193	197	189	176	160	138	114	82	66	59	1630	-311	-269	-198	-158	-127	-111	-96	-94	-97	-79
1100	33	-3	-44	-72	-73	-51	-14	18	36	45	1640	-52	-29	-6	-9	0	22	66	90	101	117
1110	28	-4	-68	-104	-82	-18	-31	14	55	75	1650	127	132	132	130	126	123	117	110	102	96
1120	81	72	52	36	25	13	5	-9	48	72	1660	92	102	121	137	153	168	171	171	156	141
1130	-47	-18	-4	14	42	71	98	116	120	125	1670	126	107	89	56	37	23	12	5	0	-2
1140	129	108	72	21	-37	-65	-72	-65	-53	-43	1680	3	21	42	57	62	61	71	92	125	192
1150	-37	-40	-37	-44	-49	-52	-60	-70	-80	-70	1690	240	305	338	354	355	325	286	254	222	200
1160	-78	-86	-91	-83	-71	-66	-58	-37	-18	0	1700	190	175	150	131	128	130	127	119	110	109
1170	-6	-35	-65	-96	-96	-86	-77	33	104	149	1710	119	127	125	110	83	59	32	9	-1	14
1180	164	190	238	251	260	253	214	151	79	42	1720	45	60	71	81	86	85	88	107	135	162
1190	24	16	8	0	-8	-20	-23	-22	-35	-57	1730	180	181	175	168	104	48	-35	-90	-125	-149
1200	-103	-131	-148	-151	-107	-66	-34	51	129	187	1740	-148	-143	-132	-117	-98	-85	-66	-64	-65	-68
1210	269	327	335	327	268	242	229	233	225	214	1750	-66	-53	-36	-21	-1	5	16	16	19	19
1220	153	126	103	89	71	60	47	34	13	-3	1760	19	30	41	38	13	-21	-50	-67	-66	-49
1230	-37	-65	-92	-121	-136	-115	-78	-46	-14	15	1770	-43	-32	-30	-30	-30	-30	-30	-30	-4	27
1240	44	55	42	10	-24	-56	-81	-98	-109	-116	1780	77	76	76	76	76	65	36	-7	-35	-61
1250	-124	-133	-137	-126	-102	-79	-59	-56	-62	-79	1790	-121	-197	-309	-342	-344	-343	-337	-337	-336	-365
1260	-11	-153	-166	-144	-106	-61	-33	-24	-23	-21	1800	-370	-385	-371	-322	-242	-170	-111	-63	-26	-8
1270	-7	10	18	32	55	66	73	72	62	57	1810	-7	-11	-12	-12	-12	-12	0	23	51	62
1280	56	49	40	21	0	-19	-32	-38	-27	-12	1820	53	35	19	11	21	40	55	65	67	65
1290	4	11	11	-1	-31	-64	-92	-110	-120	-132	1830	53	21	-4	-33	-66	-93	-113	-130	-138	-140
1300	-137	-129	-117	-109	-100	-84	-71	-68	-52	-34	1840	-135	-123	-111	-101	-97	-99	-106	-114	-121	-122
1310	-16	-1	15	42	59	56	45	37	24	139	1850	-108	-84	-54	-50	-26	-27	-44	-69	-85	-97
1320	26	41	58	88	97	101	98	99	122	159	1860	-112	-124	-134	-142	-155	-169	-180	-188	-189	-190
1330	205	231	245	262	271	272	265	256	245	227	1870	-195	-202	-201	-193	-161	-110	-77	-51	-17	-8
1340	192	154	102	94	100	111	102	88	71	7	1880	3	24	47	82	131	151	165	174	179	185
1350	-52	-79	-143	-188	-227	-244	-234	-233	-240	-254	1890	193	195	191	175	155	138	121	106	101	99
1360	-267	-276	-288	-280	-255	-224	-181	-138	-87	-48	1900	102	128	151	178	191	205	198	180	165	154
1370	-19	32	80	132	178	213	244	247	243	230	1910	137	122	99	99	103	107	102	97	94	94
1380	205	181	160	134	106	68	-5	-89	-110	-105	1920	99	107	125	147	177	211	237	259	269	278
1390	-104	-115	-143	-197	-228	-246	-249	-232	-192	-114	1930	297	320	332	314	277	220	192	177	159	130
1400	-7	-6	23	45	59	60	57	57	59	57	1940	81	11	66	103	110	120	139	173	198	215
1410	55	55	52	46	32	13	-1	-11	-20	-32	1950	-213	-218	-208	-189	-145	-82	-26	14	50	81
1420	-55	-79	-92	-110	-146	-170	-173	-172	-178	-185	1960	-243	-235	-219	-188	-145	-82	-26	14	50	81
1430	-180	-164	-143	-124	-108	-84	-69	-50	-16	11	1970	107	132	151	164	160	134	78	17	48	116
1440	29	49	65	69	78	89	99	106	112	103	1980	-164	-206	-237	-245	-236	-205	-159	-94	-24	22
1450	73	55	5	-12	-31	-35	-40	-41	-43	-45	1990	42	45	32	3	-24	-41	-22	8	30	67
1460	-43	-26	-7	12	34	38	52	61	61	63	2000	95	117	149	187	213	222	222	222	218	209
1470	77	86	96	86	33	1	-13	-21	-27	-25	2010	182	151	130	89	52	43	40	40	35	15
1480	19	62	86	104	122	126	123	112	99	86	2020	-21	-82	-128	-128	-230	-237	-243	-250	-262	275
1490	57	37	29	29	29	14	-4	-3	304	362	2030	-296	-334	-330	-373	-372	-347	-301	-248	-203	-153
1500	45	63	93	126	145	167	226	304	362	400	2040	-103	-75	-57	-51	-34	-22	-3	18	21	19
1510	398	386	372	357	349	339	328	311	282	227	2050	11	-16	-61	-61	-85	-85	-85	-84	-76	-76
1520	185	98	48	-7	-37	-56	-73	-70	-48	-28	2060	-78	-80	-88	-95	-103	-81	-63	-59	-13	33
1530	8	-2	2	-9	-24	-36	-40	-46	-44	-46	2070	19	20	19	14	12	12	24	36	33	25
1540	-49	-51	-54	-69	-94	-109	-111	-115	-122	-145	2080	21	16	8	11	20	28	15	-2	-18	-50
1550	-118	-207	-231	-239	-228	-222	-219	-219	-206	-206	2090	-75	-101	-111	-109	-100	-95	-104	-124	-140	-152
1560	-186	-153	-111	-83	-67	-50	-42	-42	-35	-14	2100	-163	-170	-171	-159	-133	-106	-72	-28	17	43

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	40.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2110	48	42	40	60	40	40	42	51	62	73	2650	-16	-14	-36	-56	-78	-81	-59	-44	-40	-43
2120	74	67	53	35	17	9	13	27	51	92	2660	-40	-32	-30	-23	-28	-28	-28	-28	-28	-28
2130	115	113	117	115	95	65	65	50	49	46	2670	-28	-29	-31	-44	-46	-46	-39	-30	-17	-9
2140	43	52	79	132	204	259	293	305	304	293	2680	2	14	22	22	19	17	16	17	21	28
2150	270	246	212	156	101	53	-3	-60	-124	-181	-2690	32	23	11	-23	-13	-28	-68	-74	-98	-114
2160	-223	-243	-173	-86	-18	44	72	99	105	106	2700	-123	-125	-120	-100	-76	-59	-44	-21	4	23
2170	100	81	55	-25	-57	-77	-85	-83	-67	-34	2710	37	47	53	55	56	52	51	51	58	71
2180	-15	-15	-12	5	31	60	40	36	35	36	2720	80	87	85	82	82	82	82	82	82	82
2190	38	41	47	53	57	61	48	14	-12	-28	2730	81	77	75	75	75	76	81	90	104	127
2200	-38	-52	-78	-101	-128	-149	-159	-179	-186	-193	2740	133	160	160	140	140	140	140	159	138	158
2210	184	155	-168	-83	-40	20	94	191	234	275	2750	150	147	159	173	193	209	209	202	184	159
2220	276	248	203	166	128	89	51	34	25	24	2760	133	110	90	82	74	65	50	46	33	18
2230	34	41	46	47	46	40	32	27	15	-2	2770	-4	-29	-52	-114	-153	-186	-198	-193	-153	-125
2240	-44	-103	-158	-195	-229	-249	-255	-249	-232	-224	2780	-93	-70	-31	-11	5	-10	-35	-43	-43	-46
2250	-205	-207	-204	-190	-177	-170	-168	-180	-192	-201	2790	-54	-55	-55	-55	-55	-55	-44	-55	-17	-15
2260	-204	-205	-203	-196	-189	-186	-187	-189	-176	-176	2800	-1	6	17	26	38	43	47	59	69	75
2270	-152	-133	-127	-116	-103	-99	-99	-99	-102	-108	2810	78	79	67	53	43	31	12	0	-6	-7
2280	-113	-114	-117	-123	-127	-122	-111	-95	-74	-52	2820	-11	-19	-26	-35	-45	-54	-60	-66	-65	-49
2290	-21	23	54	74	86	85	70	49	32	10	2830	-28	-7	7	22	35	39	32	16	-4	-26
2300	-18	-39	-65	-100	-139	-154	-147	-127	-106	-96	2840	-47	-64	-78	-93	-104	-114	-126	-132	-133	-135
2310	-94	-99	-95	-82	-62	-42	-25	22	56	87	2850	-137	-132	-126	-127	-123	-122	-126	-116	-111	-100
2320	111	111	157	167	179	189	194	214	224	244	2860	-87	-81	-79	-88	-111	-141	-168	-189	-204	-216
2330	265	272	289	280	251	240	225	198	148	111	2870	-208	-187	-156	-115	-79	-60	-45	-36	-23	-1
2340	99	99	102	108	117	116	100	94	90	84	2880	14	19	24	33	45	54	58	57	58	60
2350	79	67	56	30	10	-5	-44	-76	-82	-82	2890	70	87	96	104	108	105	89	62	50	58
2360	-74	-67	-61	-55	-53	-61	-76	-87	-101	-110	2900	68	69	67	56	45	33	25	18	14	14
2370	-115	-98	-82	-69	-52	-17	5	9	7	6	2910	17	24	33	40	40	39	22	14	8	8
2380	5	2	-7	-16	-19	-17	-5	16	37	55	2920	2	-3	-8	-11	-15	-21	-21	-15	-3	9
2390	78	96	108	119	125	125	133	141	152	164	2930	16	21	22	22	22	22	22	7	0	-9
2400	172	181	186	188	202	216	223	223	223	218	2940	15	31	51	79	84	82	81	87	96	109
2410	216	218	227	233	234	239	251	261	269	271	2950	118	127	133	140	148	155	176	201	210	212
2420	266	269	229	215	203	186	163	159	126	115	2960	208	196	187	180	174	168	154	140	136	133
2430	89	64	51	37	23	15	17	25	34	45	2970	137	148	158	162	156	138	127	115	108	102
2440	51	55	54	48	40	30	15	1	0	23	2980	93	83	71	71	83	92	94	94	96	99
2450	66	94	117	113	88	78	73	75	95	110	2990	99	106	112	123	143	151	152	141	131	123
2460	119	117	103	93	80	64	57	70	107	126	3000	117	112	104	101	108	119	132	138	126	108
2470	138	144	136	93	50	4	-28	-44	-68	-75	3010	87	71	66	65	62	60	58	54	54	49
2480	-75	-78	-79	-58	-49	-32	-10	-6	-29	-64	3020	37	26	10	-4	-23	-41	-69	-98	-133	-144
2490	-72	-72	-70	-90	-100	-111	-115	-95	-69	-34	3030	-148	-148	-150	-150	-143	-134	-121	-115	-113	-111
2500	-22	0	11	21	14	13	11	10	10	9	3040	-102	-101	-88	-73	-63	-65	-62	-49	-45	-45
2510	8	13	13	14	22	33	34	35	34	24	3050	-45	-44	-38	-49	-64	-73	-86	-102	-104	-127
2520	16	13	14	21	27	27	22	8	14	30	3060	-157	-176	-195	-196	-194	-192	-191	-180	-186	-191
2530	-39	-42	-46	-4	-49	-65	-42	-36	-29	-29	3070	-195	-187	-174	-148	-135	-137	-132	-138	-133	-133
2540	-22	-12	1	11	14	-2	-36	-68	-82	-81	3080	-132	-140	-134	-133	-132	-132	-129	-128	-127	-123
2550	-64	-46	-30	-15	0	10	16	26	47	85	3090	-112	-110	-96	-83	-69	-49	-23	-15	-24	-43
2560	125	146	151	149	136	123	115	106	95	84	3100	-111	-73	-80	-87	-87	-109	-124	-139	-150	-148
2570	75	69	62	51	43	42	41	41	48	62	3110	-164	-162	-133	-120	-105	-100	-101	-104	-106	-111
2580	82	106	120	131	139	141	141	135	117	99	3120	-111	-106	-93	-85	-81	-80	-85	-89	-95	-99
2590	90	78	73	67	57	48	39	35	38	50	3130	-102	-105	-99	-98	-95	-72	-78	-74	-57	-37
2600	68	82	82	64	33	14	-6	-23	-15	17	3140	-15	10	29	31	33	38	36	34	41	61
2610	51	56	67	64	55	38	21	0	-20	-53	3150	77	91	103	105	100	89	70	51	41	33
2620	-76	-107	-120	-125	-125	-130	-132	-132	-132	-132	3160	28	22	13	4	-2	-12	-11	0	5	1
2630	-127	-115	-89	-66	-57	-35	-23	3	12	14	3170	-8	-16	-22	-22	-12	6	32	44	56	59
2640	12	-2	-27	-49	-55	-55	-55	-54	-45	-28	3180	50	47	39	32	24	22	37	42	42	43

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1567 DOWN)										CONTINUED (S-1567 DOWN)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3190	44	40	41	48	62	62	64	66	68	63	3730	34	27	14	3	0	-5	-8	-8	-3	7
3200	54	48	35	30	17	-5	-34	-48	-19	64	3740	18	32	40	44	44	64	64	81	93	92
3210	-70	-72	-71	-83	-56	-55	-53	-51	-45	-49	3750	94	101	95	87	90	96	108	112	112	106
3220	3	28	41	43	36	19	5	-9	-24	-31	3760	100	95	90	95	93	92	67	40	15	15
3230	-34	-18	-5	23	46	56	61	61	57	54	3770	5	-12	-26	-33	-32	-13	15	28	50	67
3240	53	87	116	131	144	149	140	125	99	94	3780	71	80	89	84	81	80	75	64	49	26
3250	28	-25	-44	-57	-51	-37	0	32	34	34	3790	11	3	2	0	8	29	41	41	41	41
3260	30	28	17	4	-6	-16	-29	-38	-35	-28	3800	45	41	31	27	9	-34	-58	-80	-93	-93
3270	-25	-29	-37	-45	-56	-64	-69	-73	-83	-84	3810	-96	-79	-58	-42	-35	-43	-41	-32	-18	-18
3280	-79	-74	-69	-63	-55	-43	-41	-36	-31	-25	3820	-4	10	15	10	4	-3	-18	-22	-24	-24
3290	-25	-24	-35	-36	-22	-78	-75	-79	-89	-98	3830	-23	-23	-23	-17	3	10	29	44	59	75
3300	-109	-124	-137	-147	-150	-158	-164	-164	-164	-164	3840	83	86	61	73	68	52	44	44	33	20
3310	-159	-143	-120	-103	-77	-47	-16	-22	-17	-13	3850	0	-19	-31	-39	-48	-64	-76	-82	-85	-84
3320	-87	-86	-78	-65	-50	-38	-29	-23	-17	-13	3860	-87	-88	-83	-75	-66	-54	-49	-50	-55	-62
3330	-9	-10	-9	-10	-8	-41	-49	-63	-75	-80	3870	-66	-70	-76	-75	-65	-48	-40	-36	-35	-35
3340	-30	-79	-78	-81	-78	-74	-72	-71	-66	-63	3880	-12	-6	-13	-25	-33	-40	-51	-62	-67	-64
3350	-62	-67	-71	-82	-88	-94	-100	-110	-89	-69	3890	-49	-43	-33	-28	-30	-34	-38	-46	-50	-56
3360	-62	-53	-55	-54	-14	3	11	13	13	9	3900	-65	-65	-61	-64	-63	-62	-56	-42	-21	4
3370	-4	-23	-52	-56	-114	-118	-115	-110	-99	-62	3910	18	31	38	44	43	35	31	19	13	7
3380	-23	4	38	79	108	126	145	162	170	164	3920	10	11	15	50	46	51	54	50	50	50
3390	159	154	146	133	121	113	118	140	157	171	3930	50	46	44	53	52	31	38	45	62	81
3400	182	195	200	206	201	194	188	175	148	132	3940	90	82	78	73	63	39	42	50	62	64
3410	127	137	147	157	175	195	205	207	204	201	3950	61	45	31	22	28	28	39	56	81	67
3420	203	208	207	201	189	175	152	120	102	96	3960	18	0	-13	-15	-10	0	10	21	25	15
3430	86	72	66	60	51	40	29	26	26	26	3970	10	9	0	-10	-14	-24	-40	-61	-70	-66
3440	24	17	10	0	-15	-27	-35	-42	-42	-36	3980	-61	-54	-44	-35	-28	-16	-6	1	6	10
3450	-29	-19	-7	3	16	32	34	28	24	19	3990	16	20	22	21	16	7	-4	-19	-27	-19
3460	9	3	3	3	6	16	15	12	6	-3	4000	-9	8	27	31	28	10	-18	-13	-16	-19
3470	-13	-19	-21	-16	-12	-8	-4	-3	-7	-18	4010	-77	-81	-80	-74	-63	-46	-25	-13	-64	-71
3480	-35	-53	-66	-78	-73	-60	-64	-30	-35	-33	4020	12	12	9	0	-21	-41	-50	-57	-55	-52
3490	-39	-46	-52	-58	-59	-65	-75	-88	-103	-123	4030	-48	-38	-31	-22	-12	1	7	13	16	22
3500	-139	-143	-144	-135	-142	-135	-137	-137	-140	-142	4040	24	24	19	16	16	25	35	39	38	37
3510	-137	-136	-139	-146	-155	-158	-154	-139	-123	-112	4050	51	21	9	-10	-34	-39	-38	-36	-41	-61
3520	-101	-104	-96	-93	-89	-83	-66	-45	-28	-17	4060	-67	-88	-98	-113	-119	-114	-103	-92	-86	-85
3530	-4	0	2	1	12	31	49	53	65	70	4070	-102	-96	-102	-106	-105	-105	-105	-96	-92	-92
3540	66	61	67	74	80	81	75	65	54	38	4080	-88	-94	-96	-101	-102	-96	-88	-78	-73	-85
3550	19	17	23	29	31	36	41	44	48	62	4090	-92	-102	-102	-106	-105	-106	-105	-96	-92	-92
3560	80	93	105	111	112	108	100	94	92	79	4100	-89	-95	-94	-92	-88	-71	9	22	29	35
3570	66	58	48	42	42	39	42	49	52	58	4110	38	38	36	35	34	46	61	67	62	55
3580	70	84	104	119	127	129	129	124	116	105	4120	55	58	53	67	68	71	78	73	65	58
3590	87	69	57	44	31	23	12	6	0	-2	4130	44	31	28	31	32	32	32	27	20	17
3600	-18	-22	-16	-11	-2	2	6	4	0	-2	4140	18	25	35	41	44	42	36	30	26	26
3610	1	13	28	38	46	52	59	62	54	50	4150	23	32	32	27	21	15	13	16	18	26
3620	48	36	22	13	5	-5	-15	-19	-15	-9	4160	37	43	44	44	43	42	38	30	24	19
3630	-15	-16	-20	-25	-25	-17	-14	-5	-2	-2	4170	17	14	7	7	-16	-30	-40	-45	-43	-36
3640	-12	-16	-27	-33	-40	-46	-56	-60	-60	-56	4180	-35	-59	-55	-25	-25	-27	-28	-30	-34	-62
3650	-45	-16	18	36	50	44	40	34	28	37	4190	-76	-89	-101	-99	-91	-84	-82	-81	-82	-75
3660	45	45	40	29	20	8	-16	-48	-82	-93	4200	-66	-87	-69	-42	-27	-21	-16	-7	3	9
3670	-108	-116	-121	-129	-135	-139	-134	-126	-115	-107	4210	25	32	41	42	35	28	23	22	18	23
3680	-103	-102	-103	-103	-110	-115	-119	-114	-103	-95	4220	33	38	38	34	31	29	34	32	28	58
3690	-96	-95	-92	-93	-90	-76	-51	-22	7	33	4230	-8	-18	-24	-44	-48	-57	-58	-55	-58	-66
3700	58	77	91	97	93	82	77	63	55	52	4240	-70	-73	-81	-81	-81	-81	-81	-76	-67	-52
3710	44	47	43	45	42	35	39	47	48	41	4250	-32	-29	-30	-31	-30	-30	-19	-19	16	27
3720	48	47	45	39	32	33	40	44	44	39	4260	33	39	63	79	83	81	87	91	91	96

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4270	101	104	107	108	104	96	83	61	32	1
4280	-19	-24	-14	5	18	27	33	36	43	55
4290	4290	73	93	129	134	132	121	101	70	34
4300	-2	-36	-62	-83	-100	-110	-105	-92	-83	-81
4310	4310	-83	-82	-80	-77	-63	-37	-16	17	38
4320	44	41	41	43	54	75	92	116	134	134
4330	150	156	167	123	95	61	37	9	-16	-53
4340	-71	-80	-83	-79	-78	-72	-64	-43	-4	27
4350	52	66	69	66	51	42	40	37	43	50
4360	62	66	68	62	54	49	36	24	17	3
4370	-10	-20	-29	-30	-26	-20	-15	-18	-30	-39
4380	-53	-66	-73	-93	-124	-160	-170	-171	-154	-134
4390	-100	-76	-46	-23	-19	-26	-32	-35	-41	-42
4400	-42	-42	-45	-45	-44	-32	-8	17	45	92
4410	119	141	157	164	176	181	176	168	161	161
4420	152	137	129	128	125	125	124	115	102	90
4430	83	83	84	80	72	49	28	12	10	-30
4440	-40	-39	-29	-10	9	26	35	43	55	62
4450	62	58	65	62	53	-13	-31	-38	-40	-45
4460	-49	-57	-67	-67	-82	-99	-110	-124	-149	-181
4470	-192	-199	-209	-211	-199	-168	-145	-115	-85	-66
4480	-45	-53	-52	-28	-28	-26	-16	-9	-10	-20
4490	-50	-41	-42	-17	1	18	19	18	-5	-32
4500	-57	-107	-151	-205	-230	-236	-234	-228	-227	-227
4510	-226	-213	-195	-178	-162	-150	-148	-154	-164	-181
4520	-188	-187	-172	-143	-111	-75	-41	-21	-5	13
4530	40	68	90	97	101	103	87	66	51	30
4540	64	81	102	117	131	142	150	153	152	152
4550	153	155	157	159	159	159	159	160	163	170
4560	181	190	151	175	149	125	95	61	30	0
4570	-22	-45	-72	-92	-106	-119	-134	-143	-143	-130
4580	-105	-73	-37	0	26	42	59	67	67	67
4590	66	61	67	30	19	10	6	11	27	67
4600	65	72	78	78	75	69	59	42	28	20
4610	14	6	2	2	4	11	25	35	42	46
4620	57	73	94	114	138	153	159	159	158	154
4630	146	130	126	123	119	114	115	117	122	130
4640	130	124	115	105	85	81	78	75	61	39
4650	7	-26	-39	-64	-115	-150	-173	-199	-227	-240
4660	-250	-250	-242	-231	-222	-211	-200	-182	-168	-149
4670	-130	-116	-103	-92	-82	-68	-47	-7	27	48
4680	38	100	96	90	85	84	82	83	81	66
4690	45	26	10	6	2	2	12	23	45	66
4700	84	95	108	120	125	118	106	83	62	54
4710	60	74	90	101	115	127	130	117	92	63
4720	24	-21	-31	-63	-67	-45	-12	12	36	60
4730	89	75	56	93	108	110	108	99	91	86
4740	81	82	78	62	45	20	-4	-17	-34	-52
4750	-69	-86	-98	-112	-123	-130	-131	-130	-124	-117
4760	-115	-115	-119	-126	-131	-127	-106	-78	-58	-31
4770	-28	-36	-66	-82	-105	-112	-125	-132	-141	-147
4780	-147	-140	-129	-126	-116	-107	-85	-81	-81	-73
4790	-66	-65	-55	-45	-39	-27	-3	18	37	76
4800	99	126	136	141	140	137	135	131	133	137

TO BE CONTINUED

CONTINUED(S-1567 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4810	133	124	121	121	124	122	108	95	80	71
4820	59	38	14	-15	-28	-40	-38	-17	16	50
4830	74	101	125	127	107	82	59	39	9	-10
4840	-28	-42	-33	-57	-84	-33	14	63	95	117
4850	128	128	115	103	87	79	77	74	63	48
4860	33	17	2	-9	-11	3	24	42	45	35
4870	25	13	-4	-19	-25	-26	-32	-37	-37	-40
4880	-67	-54	-85	-75	-81	-89	-99	-110	-120	-124
4890	-122	-106	-83	-65	-76	-84	-45	-40	-42	-56
4900	-41	-38	-49	-66	-59	-54	-45	-40	-42	-56
4910	-4	37	69	93	107	121	135	131	128	146
4920	155	168	178	191	199	192	185	174	161	147
4930	137	97	11	-62	-129	-176	-214	-242	-262	-283
4940	-279	-263	-255	-157	-225	-32	-32	-3	16	36
4950	32	46	60	62	61	62	54	45	35	27
4960	19	10	0	-16	-36	-49	-62	-65	-74	-85
4970	-89	-94	-95	-99	-103	-106	-107	-102	-99	-96
4980	-79	-58	-46	-41	-44	-54	-66	-85	-96	-115
4990	-133	-134	-116	-85	-57	-40	-29	-23	-30	-28
5000	-20	-2	29	5	70	91	106	101	84	52
5010	25	10	-3	-13	-14	-15	-17	-14	-5	10
5020	24	15	5	-2	-16	-46	-75	-99	-126	-142
5030	-158	-167	-177	-184	-187	-183	-178	-173	-166	-164
5040	-163	-162	-159	-165	-181	-198	-214	-225	-233	-249
5050	-262	-264	-258	-243	-229	-214	-203	-189	-179	-163
5060	-150	-135	-118	-99	-69	-48	-28	-10	1	10
5070	21	34	38	32	43	67	58	68	72	70
5080	61	50	31	21	0	-1	-4	-4	-4	-4
5090	-41	-50	-47	-43	-28	-11	9	19	24	30
5100	-25	-44	-65	-65	-68	-62	-54	-48	-53	-67
5110	-78	-94	-107	-114	-120	-104	-63	-30	-8	37
5120	87	144	199	250	298	334	352	370	375	379
5130	376	387	359	351	337	322	293	273	252	229
5140	207	202	213	220	225	224	226	224	220	216
5150	221	231	243	250	240	222	195	152	104	68
5160	46	32	37	60	86	113	142	165	194	216
5170	228	238	237	226	203	168	121	72	52	41
5180	36	33	33	29	24	15	5	1	0	8
5190	10	12	16	24	31	34	35	33	28	32
5200	41	55	65	68	71	55	44	35	23	9
5210	-6	-4	-21	-10	0	8	11	6	6	27
5220	49	59	84	84	86	74	71	58	34	19
5230	25	17	12	20	29	47	56	83	110	122
5240	125	126	132	132	127	126	124	120	111	99
5250	97	104	115	117	120	118	113	108	95	72
5260	43	6	-39	-97	-147	-189	-218	-242	-245	-245
5270	-238	-235	-234	-237	-244	-239	-249	-262	-270	-277
5280	-283	-286	-282	-284	-248	-235	-220	-203	-183	-162
5290	-147	-132	-129	-132	-131	-125	-105	-80	-63	-54
5300	-53	-66	-41	-26	-8	9	32	54	59	54
5310	53	62	71	76	76	69	57	46	20	-8
5320	-34	-54	-73	-88	-101	-107	-109	-122	-125	-118
5330	-115	-120	-117	-124	-136	-149	-161	-172	-181	-181
5340	-115	-120	-117	-124	-136	-149	-161	-172	-181	-181
5350	-115	-120	-117	-124	-136	-149	-161	-172	-181	-181
5360	-115	-120	-117	-124	-136	-149	-161	-172	-181	-181
5370	-115	-120	-117	-124	-136	-149	-161	-172	-181	-181
5380	-115	-120	-117	-124	-136	-149	-161	-172	-181	-181
5390	-115	-120	-117	-124	-136	-149	-161	-172	-181	-181
5400	-115	-120	-117	-124	-136	-149	-161	-172	-181	-181

TO BE CONTINUED

CONTINUED(S-1567 DOWN)										CONTINUED(S-1567 DOWN)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5350	-196	-186	-177	-166	-147	-135	-106	-70	-46	-43	5890	-48	-55	-69	-78	-86	-101	-108	-119	-120	-106
5360	-51	-60	-90	-126	-126	-129	-118	-91	-116	-109	5900	-88	-73	-63	-56	-39	-30	-17	-2	-11	15
5370	-93	-76	-53	-27	2	24	58	91	113	121	5910	18	13	0	-15	-35	-44	-49	-49	-38	-30
5380	111	110	101	91	82	66	66	62	56	47	5920	-21	-18	-15	-20	-30	-38	-46	-51	-63	-68
5390	53	63	72	70	57	45	30	18	3	-14	5930	-73	-85	-93	-106	-112	-115	-111	-101	-97	-82
5400	-25	-32	-36	-40	-26	-32	-31	-20	0	20	5940	-67	-43	-9	4	23	42	55	66	61	66
5410	42	64	92	110	132	121	137	166	175	185	5950	61	49	39	28	33	38	44	50	50	49
5420	200	212	219	228	230	233	234	224	217	208	5960	48	45	45	42	60	60	70	70	70	70
5430	196	180	162	152	145	136	126	114	99	82	5970	-64	-53	-72	-84	-95	-90	-79	-70	-50	-45
5440	61	40	23	3	-2	-13	-30	-44	-56	-64	5980	-35	-28	-18	-1	21	43	55	65	77	86
5450	-63	-59	-53	-45	-36	-28	-35	-47	-54	-65	5990	90	96	104	106	109	112	106	97	86	78
5460	-76	-87	-98	-114	-130	-139	-145	-152	-149	-142	6000	72	65	61	60	60	56	50	44	35	24
5470	-136	-127	-113	-108	-95	-99	-106	-114	-122	-125	6010	10	-1	-6	-10	-15	-16	-17	-17	-17	-17
5480	-123	-118	-108	-104	-107	-104	-100	-97	-94	-81	6020	-15	-9	0	11	20	20	14	5	-2	-6
5490	-67	-49	-38	-33	-44	-52	-65	-76	-86	-101	6030	-7	-4	2	6	2	3	-5	-7	-6	-3
5500	-111	-106	-99	-92	-84	-73	-62	-54	-53	-34	6040	1	4	5	11	17	23	28	30	34	35
5510	-32	-29	-23	-18	-16	-8	-15	-20	-9	7	6050	37	38	40	40	38	30	24	32	52	64
5520	21	42	60	77	95	106	100	99	97	94	6060	64	64	61	50	49	44	26	12	-5	-19
5530	92	86	81	79	84	95	104	115	128	142	6070	-31	-41	-50	-52	-46	-42	-27	-15	0	0
5540	160	177	189	187	185	180	178	171	169	169	6080	1	13	23	27	29	39	50	58	72	79
5550	164	157	145	131	118	99	77	66	72	80	6090	30	89	89	89	88	85	85	85	84	86
5560	81	83	84	75	75	80	92	109	128	135	6100	102	109	111	113	105	85	72	65	60	61
5570	137	147	151	153	150	143	135	124	112	105	6110	67	73	81	93	105	99	93	83	81	78
5580	107	106	101	97	92	86	76	67	58	47	6120	77	78	78	67	53	42	30	20	1	-3
5590	42	48	49	43	37	31	24	17	18	27	6130	-17	-28	-39	-54	-59	-59	-59	-54	-46	-36
5600	40	55	68	78	83	86	96	108	110	105	6140	-26	-22	-20	2	8	16	20	15	8	-6
5610	98	91	86	81	78	79	93	106	112	117	6150	-19	-22	-30	-50	-56	-57	-57	-55	-56	-51
5620	132	146	159	171	178	180	172	170	175	183	6160	-43	-39	-35	-28	-25	-21	-15	-11	-10	-10
5630	199	210	215	213	206	204	203	207	213	220	6170	-9	-8	-8	-10	-18	-28	-42	-60	-66	-73
5640	223	224	212	189	156	110	55	12	-20	-46	6180	-73	-72	-71	-73	-82	-93	-104	-114	-113	-108
5650	-69	-91	-102	-109	-91	-74	-53	-57	-63	-74	6190	-105	-99	-92	-88	-88	-90	-92	-95	-95	-96
5660	-75	-84	-88	-96	-93	-93	-93	-91	-79	-77	6200	-97	-99	-102	-108	-116	-121	-121	-118	-106	-97
5670	-61	-43	-21	-3	16	20	26	22	16	7	6210	-82	-70	-62	-57	-50	-52	-54	-56	-59	-62
5680	-5	-15	-26	-41	-57	-69	-82	-97	-107	-102	6220	-66	-73	-78	-83	-76	-75	-73	-71	-71	-73
5690	-106	-118	-133	-148	-162	-170	-159	-143	-129	-120	6230	-78	-80	-83	-88	-89	-84	-85	-87	-90	-95
5700	-112	-108	-116	-128	-133	-133	-139	-145	-149	-146	6240	-97	-103	-99	-93	-67	-54	-46	-47	-55	-71
5710	-136	-142	-150	-161	-168	-168	-169	-166	-161	-156	6250	-87	-99	-114	-114	-120	-127	-135	-135	-132	-118
5720	60	45	31	22	11	3	-10	-20	-30	-37	6260	-100	-82	-61	-8	23	34	36	36	33	36
5730	-46	-60	-71	-69	-62	-58	-58	-66	-79	-93	6270	39	42	49	49	44	44	42	41	41	41
5740	-109	-123	-135	-141	-155	-161	-171	-177	-185	-190	6280	41	41	42	44	45	46	45	42	29	15
5750	-113	-125	-144	-164	-163	-155	-156	-164	-173	-177	6290	-1	-12	-24	-39	-52	-58	-63	-67	-69	-69
5760	-177	-174	-151	-123	-93	-70	-45	-21	1	25	6300	-69	-70	-70	-70	-64	-54	-44	-38	-32	-26
5770	45	51	49	61	70	79	89	89	91	109	6310	-23	-19	-11	-3	3	7	11	19	25	33
5780	122	137	151	168	175	176	174	166	161	158	6320	39	43	50	58	49	41	33	27	14	8
5790	168	150	141	130	119	101	89	80	74	69	6330	9	10	1	-17	-28	-33	-40	-46	-51	-47
5800	63	59	62	67	69	62	58	50	37	28	6340	-37	-33	-29	-25	-21	-18	-15	-5	-1	7
5810	21	17	18	20	30	34	36	39	45	51	6350	7	-7	7	55	62	63	63	60	3	8
5820	55	47	38	25	7	-6	-25	-36	-44	-50	6360	-31	-41	-55	-62	-65	-63	-63	-66	-58	-58
5830	-58	-74	-80	-81	-79	-71	-67	-66	-68	-71	6370	-58	-58	-58	-58	-53	-53	-53	-53	-51	-51
5840	-76	-76	-70	-63	-52	-33	-21	-23	-27	-28	6380	-51	-51	-45	-45	-34	-29	-24	-15	-8	-3
5850	-27	-24	-27	-31	-43	-49	-61	-94	-123	-139	6390	9	0	-13	-25	-37	-47	-61	-68	-77	-92
5860	-144	-150	-158	-166	-172	-176	-178	-177	-176	-176	6400	-103	-111	-118	-109	-95	-79	-66	-56	-46	-37
5870	-175	-174	-174	-174	-173	-171	-169	-166	-150	-124	6410	-26	-24	-24	-25	-32	-26	-24	-25	-54	-57
5880	-94	-62	-33	-9	10	21	19	6	-20	-40	6420	-45	-51	-13	-4	6	16	27	32	37	43

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 DOWN)										CONTINUED(S-1567 DOWN)											
.NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	.NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6430	44	44	45	44	44	47	51	62	78	87	6970	-37	-34	-30	-39	-39	-28	-26	-26	-26	-53
6440	95	101	103	102	96	88	81	65	45	32	6980	-21	-18	-17	-20	-35	-45	-50	-52	-52	-50
6450	25	21	15	12	16	22	26	31	36	41	6990	-47	-44	-48	-61	-66	-70	-74	-75	-75	-81
6460	45	46	46	46	49	55	58	60	64	64	7000	-85	-86	-85	-86	-88	-88	-92	-106	-115	-126
6470	64	64	66	70	71	72	73	75	75	75	7010	-135	-143	-151	-159	-143	-161	-161	-161	-162	-158
6480	75	75	70	57	47	42	34	34	32	28	7020	-157	-153	-149	-144	-138	-131	-125	-122	-120	-124
6490	31	33	37	43	43	43	43	43	43	43	7030	-129	-133	-136	-143	-151	-155	-160	-162	-162	-162
6500	46	50	52	54	56	59	59	59	56	48	7040	-162	-163	-165	-165	-165	-164	-160	-154	-149	-141
6510	36	30	27	27	35	50	52	58	51	42	7050	-129	-122	-116	-112	-106	-96	-89	-79	-69	-66
6520	26	3	-12	-16	-24	-29	-30	-6	19	34	7060	-66	-66	-66	-66	-66	-66	-66	-66	-67	-69
6530	40	44	40	18	3	-4	-11	-20	-29	-39	7070	-69	-70	-70	-71	-71	-71	-71	-70	-68	-64
6540	-44	-44	-43	-43	-33	-20	-17	-15	-13	-13	7080	-59	-53	-47	-39	-30	-26	-26	-20	-19	-17
6550	-12	-12	-11	-9	-9	-6	-5	-5	-1	0	7090	-11	-7	-1	0	0	0	5	9	15	15
6560	32	0	0	-9	-2	-41	-50	-51	-46	-41	7100	19	19	20	20	21	26	26	26	26	26
6570	-38	-36	-35	-35	-36	-37	-37	-38	-35	-30	7110	24	24	18	12	3	-5	-7	-13	-16	-21
6580	-28	-28	-28	-27	-24	-18	-9	0	12	22	7120	-24	-25	-26	-27	-26	-26	-29	-34	-39	-38
6590	29	36	42	47	51	52	55	60	69	77	7130	-37	-35	-28	-22	-8	3	15	28	36	46
6600	84	93	100	105	108	108	108	108	100	88	7140	53	56	59	59	57	55	55	55	55	58
6610	79	64	52	43	31	26	20	5	-6	-20	7150	59	58	55	54	59	63	64	65	65	68
6620	-40	-58	-66	-74	-78	-79	-82	-90	-93	-96	7160	71	72	73	74	76	77	77	77	77	76
6630	-99	-103	-106	-111	-117	-119	-119	-119	-119	-118	7170	77	77	77	77	77	77	77	77	77	76
6640	-114	-104	-87	-71	-63	-48	-32	-25	-18	-15	7180	72	65	61	57	55	55	55	55	53	49
6650	17	27	27	25	20	10	4	-3	-12	-15	7190	42	35	26	20	10	-1	-11	-21	-30	-26
6660	-17	-31	-13	-3	9	28	34	42	38	31	7200	-54	-58	-60	-62	-63	-67	-72	-73	-74	-75
6670	27	31	15	12	12	18	27	36	45	43	7210	-76	-76	-76	-76	-73	-73	-71	-69	-70	-69
6680	41	38	36	31	26	22	22	22	22	21	7220	-66	-64	-61	-57	-53	-49	-42	-37	-37	-37
6690	20	19	19	19	19	19	19	19	19	17	7230	-37	-37	-31	-28	-29	-29	-29	-29	-29	-33
6700	16	14	12	12	12	11	11	11	11	12	7240	-33	-33	-33	-39	-45	-47	-53	-60	-63	-63
6710	16	20	27	32	33	33	33	27	18	9	7250	-63	-63	-57	-56	-48	-42	-39	-34	-33	-38
6720	-6	-19	-32	-41	-42	-46	-48	-48	-48	-48	7260	-42	-45	-50	-56	-57	-53	-49	-46	-45	-45
6730	-48	-48	-48	-48	-51	-60	-71	-79	-87	-97	7270	-44	-42	-38	-32	-25	-24	-24	-23	-22	-19
6740	-103	-104	-107	-112	-118	-123	-124	-124	-125	-135	7280	-17	-15	-16	-16	-16	-16	-18	-21	-24	-25
6750	-148	-167	-181	-192	-201	-210	-215	-216	-215	-213	7290	-28	-32	-35	-36	-34	-32	-31	-31	-30	-26
6760	-211	-205	-196	-194	-192	-188	-182	-170	-154	-141	7300	-18	-12	-9	-5	-2	0	5	8	10	9
6770	-127	-122	-119	-106	-90	-78	-62	-55	-43	-40	7310	7	5	2	1	3	0	-5	-6	-9	-13
6780	-37	-37	-37	-37	-37	-35	-33	-33	-30	-28	7320	-15	-15	-15	-15	-16	-19	-24	-26	-26	-26
6790	-64	-72	-71	-64	-62	-63	-63	-65	-70	-73	7330	-27	-31	-35	-36	-38	-43	-43	-50	-51	-50
6800	-74	-82	-87	-87	-87	-90	-90	-87	-85	-72	7340	-46	-40	-40	-37	-31	-28	-25	-25	-22	-15
6810	-59	-51	-42	-33	-33	-37	-37	-36	-36	-36	7350	-11	-7	-2	-2	-2	-2	-2	-2	-2	-2
6820	-30	-24	-20	-15	-3	6	21	48	69	66	7360	-2	-2	-2	0	8	13	21	29	33	38
6830	82	96	116	122	124	123	124	124	125	134	7370	42	43	43	43	43	43	42	37	37	37
6840	139	138	142	146	153	155	159	162	163	167	7380	37	37	35	35	39	39	40	41	44	44
6850	172	174	164	157	154	149	141	133	130	129	7390	54	73	78	79	79	77	74	73	66	66
6860	127	122	116	112	107	103	101	100	95	89	7400	61	58	57	50	40	35	35	35	35	35
6870	81	72	66	64	61	61	69	74	74	78	7410	80	80	80	78	73	70	69	65	61	58
6880	83	86	82	79	76	71	67	64	63	64	7420	52	47	41	34	30	26	22	19	15	12
6890	69	71	74	79	83	85	81	70	55	39	7430	10	6	5	3	3	0	-1	0	7	12
6900	22	3	-15	-32	-50	-66	-73	-78	-81	-81	7440	16	22	26	28	33	38	43	45	47	52
6910	-82	-81	-82	-81	-82	-83	-83	-83	-82	-82	7450	55	55	56	58	60	60	60	60	60	60
6920	-82	-79	-77	-75	-70	-61	-58	-55	-51	-51	7460	57	56	54	50	47	42	40	37	35	28
6930	-51	-51	-51	-50	-51	-53	-57	-62	-68	-71	7470	21	20	16	11	8	6	8	15	15	15
6940	-73	-74	-76	-76	-74	-68	-67	-68	-76	-74	7480	19	23	23	18	24	26	28	26	22	22
6950	-56	-53	-59	-49	-49	-45	-45	-45	-44	-39	7490	24	24	22	22	22	25	25	24	21	17
6960	-34	-30	-30	-25	-25	-26	-28	-34	-35	-37	7500	15	11	10	10	9	7	8	14	15	15

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 DOWN)										CONTINUED(S-1567 DOWN)									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7510	16	18	22	24	24	27	28	30	30	8050	28	26	25	24	27	33	36	39	40
7520	30	29	29	27	27	27	29	30	30	8060	42	45	47	47	44	39	38	35	35
7530	31	41	46	57	61	70	81	93	96	8070	25	19	16	13	9	4	0	0	-6
7540	106	111	120	126	132	137	140	144	148	8080	-9	-17	-23	-27	-27	-27	-26	-26	-28
7550	151	154	151	150	152	155	155	152	147	8090	-30	-30	-31	-33	-36	-40	-40	-38	-43
7560	142	139	134	127	124	116	112	106	98	8100	-46	-59	-66	-74	-77	-85	-90	-96	-102
7570	88	90	90	90	92	78	74	68	63	8110	-114	-119	-121	-122	-124	-128	-131	-131	-137
7580	57	57	53	49	44	40	35	31	24	8120	-135	-142	-147	-147	-149	-148	-140	-135	-130
7590	0	-8	-14	-21	-28	-33	-35	-38	-43	8130	-121	-119	-117	-111	-109	-109	-109	-105	-99
7600	-50	-49	-52	-57	-62	-67	-71	-75	-77	8140	-91	-93	-94	-93	-87	-82	-80	-79	-74
7610	-67	-67	-67	-66	-63	-62	-61	-60	-59	8150	-66	-67	-64	-61	-69	-68	-64	-56	-52
7620	-39	-38	-37	-37	-37	-37	-37	-37	-35	8160	-21	-15	-12	-9	-5	2	2	4	10
7630	-36	-43	-52	-59	-63	-68	-77	-87	-86	8170	15	18	17	21	22	25	28	31	35
7640	-79	-79	-77	-77	-75	-68	-68	-70	-71	8180	42	47	47	49	52	52	52	52	53
7650	-69	-67	-65	-66	-66	-68	-68	-68	-68	8190	55	57	58	59	59	59	61	64	64
7660	-58	-64	-73	-78	-83	-85	-85	-85	-82	8200	64	64	64	64	65	65	65	67	71
7670	-71	-65	-61	-61	-62	-62	-62	-62	-58	8210	82	80	78	79	79	81	85	83	84
7680	-57	-59	-61	-65	-68	-72	-71	-70	-69	8220	83	80	80	80	80	79	77	76	75
7690	-69	-69	-73	-74	-72	-69	-69	-67	-65	8230	74	74	74	74	74	74	74	74	74
7700	-66	-66	-66	-66	-66	-66	-66	-66	-65	8240	74	74	74	74	74	74	74	74	74
7710	-90	-91	-93	-94	-94	-92	-89	-88	-85	8250	70	65	65	64	60	58	55	54	54
7720	-82	-78	-76	-77	-78	-81	-86	-91	-92	8260	51	44	43	43	43	43	44	40	40
7730	-98	-107	-108	-111	-117	-121	-123	-124	-126	8270	37	37	37	35	35	35	35	35	35
7740	-129	-125	-119	-119	-116	-111	-109	-109	-104	8280	36	38	35	30	27	24	20	16	15
7750	-90	-83	-81	-80	-76	-67	-55	-45	-34	8290	12	10	9	8	8	8	8	8	8
7760	-16	-3	-1	7	12	17	18	16	12	8300	8	8	8	9	8	7	4	3	-2
7770	23	28	30	32	37	42	45	48	53	8310	-6	-7	-7	-7	-6	-6	-5	-2	-2
7780	64	74	82	89	95	100	99	97	103	8320	-4	-4	-4	-4	-4	-4	-4	-7	-12
7790	104	102	98	93	90	86	83	81	75	8330	-11	-12	-14	-15	-15	-18	-25	-29	-29
7800	68	66	64	63	63	63	66	71	70	8340	-30	-32	-37	-40	-42	-42	-43	-44	-44
7810	75	77	79	85	87	88	90	92	93	8350	-45	-42	-42	-43	-44	-44	-44	-43	-40
7820	93	93	93	93	93	93	94	98	94	8360	-37	-35	-31	-28	-27	-25	-25	-24	-20
7830	95	95	95	95	91	88	86	85	84	8370	-18	-17	-17	-17	-17	-17	-17	-17	-11
7840	85	90	92	92	92	95	98	101	103	8380	-9	-12	-14	-14	-12	-11	-11	-10	-9
7850	109	110	111	114	117	121	118	121	126	8390	-2	-2	-2	0	3	8	9	10	10
7860	131	134	135	136	137	135	134	134	130	8400	10	9	9	3	-1	-8	-13	-17	-16
7870	124	123	122	121	118	116	113	111	109	8410	-16	-17	-17	-17	-18	-20	-20	-20	-20
7880	108	107	105	103	101	99	96	96	94	8420	-20	-20	-20	-20	-19	-19	-17	-16	-16
7890	88	85	80	77	71	67	67	67	61	8430	-14	-11	-11	-11	-11	-10	-9	-9	-14
7900	51	48	43	38	37	36	35	28	24	8440	-4	-4	-4	-4	-4	-4	-4	-4	19
7910	18	15	10	7	7	2	-8	-16	-22	8450	33	31	31	31	35	32	30	29	26
7920	-34	-33	-36	-43	-47	-45	-44	-44	-44	8460	25	23	21	20	19	16	12	12	9
7930	-44	-46	-47	-47	-47	-47	-46	-44	-42	8470	1	4	4	3	2	2	5	10	8
7940	-40	-39	-38	-40	-41	-41	-41	-42	-42	8480	-3	-9	-9	-11	-12	-15	-20	-23	-31
7950	-43	-43	-39	-37	-34	-32	-30	-26	-26	8490	-34	-36	-39	-37	-31	-32	-35	-35	-35
7960	-29	-29	-29	-31	-31	-31	-31	-31	-31	8500	-35	-35	-35	-35	-32	-33	-36	-36	-36
7970	-36	-37	-39	-39	-39	-39	-39	-39	-39	8510	-36	-36	-36	-35	-31	-30	-29	-27	-27
7980	-39	-39	-39	-39	-39	-39	-39	-39	-39	8520	-26	-26	-26	-26	-26	-26	-26	-26	-26
7990	-25	-25	-25	-25	-25	-22	-19	-17	-15	8530	0	5	4	4	13	15	15	16	-6
8000	-10	-3	2	7	10	17	20	20	20	8540	29	34	35	34	35	37	37	37	38
8010	20	20	21	23	24	29	32	32	34	8550	39	36	36	33	32	30	30	30	32
8020	35	36	37	37	37	40	43	43	45	8560	37	39	40	41	43	43	43	43	43
8030	47	47	48	48	48	48	48	47	47	8570	45	44	48	50	51	53	56	60	61
8040	47	43	39	42	42	42	38	32	30	8580	62	62	63	64	64	65	66	67	67

CONTINUED(S-1567 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8590	67	67	67	68	68	67	67	67	66	65
8600	64	64	64	63	63	60	55	53	52	49
8610	45	46	47	47	46	45	43	43	41	39
8620	39	39	39	36	36	32	32	32	32	32
8630	31	30	30	29	29	27	25	25	22	20
8640	17	13	9	7	1	-4	-8	-13	-20	-24
8650	-24	-29	-31	-35	-37	-39	-43	-46	-49	-52
8660	-54	-55	-57	-59	-60	-63	-68	-69	-71	-71
8670	-81	-80	-80	-79	-80	-83	-88	-89	-91	-87
8680	-37	-37	-37	-36	-36	-35	-35	-34	-34	-45
8690	-44	-43	-41	-40	-40	-36	-35	-35	-31	-29
8700	-27	-23	-17	-11	-7	-4	-3	-4	-4	1
8710	8	10	11	16	20	23	30	34	39	43
8720	46	48	49	49	52	55	61	64	67	71
8730	74	76	77	77	75	76	79	80	81	82
8740	82	83	83	81	80	83	88	76	75	75
8750	75	75	75	75	75	75	72	70	69	69
8760	69	70	70	69	67	66	65	66	68	68
8770	68	66	62	63	67	65	62	60	59	55
8780	53	52	49	44	45	47	49	48	47	47
8790	47	46	44	42	39	39	39	37	35	33
8800	31	30	28	24	20	18	16	15	10	9
8810	5	3	1	0	-6	-10	-15	-18	-20	-21
8820	-24	-26	-29	-30	-30	-29	-25	-26	-27	-23
8830	-22	-26	-26	-26	-21	-19	-20	-20	-21	-21
8840	-21	-21	-21	-21	-21	-21	-21	-20	-18	-16
8850	-16	-15	-13	-12	-10	-7	-3	-2	0	3
8860	5	6	15	18	18	21	23	23	23	24
8870	26	27	29	29	32	36	37	41	47	48
8880	49	53	55	56	57	59	61	62	62	62
8890	62	62	60	57	55	53	49	43	37	34
8900	30	26	22	18	15	14	12	10	9	8
8910	8	6	6	7	0	0	-1	-2	-2	-5
8920	-7	-7	-7	-7	-8	-9	-10	-12	-13	-15
8930	-17	-18	-19	-20	-21	-22	-24	-27	-29	-32
8940	-34	-35	-35	-36	-36	-36	-36	-36	-36	-36
8950	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56
8960	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22
8970	-24	-25	-25	-25	-25	-25	-26	-27	-27	-24
8980	-27	-27	-27	-27	-27	-26	-26	-25	-24	-23
8990	-21	-20	-19	-19	-18	-17	-17	-17	-17	-17
9000	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
9010	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
9020	-24	-24	-24	-25	-25	-24	-22	-21	-22	-23
9030	-23	-22	-22	-22	-21	-19	-19	-17	-16	-14
9040	-12	-8	-3	-1	0	2	3	4	7	12
9050	15	19	23	26	28	29	31	31	30	29
9060	29	29	28	25	23	19	23	26	28	31
9070	31	30	30	30	31	33	33	33	33	33
9080	33	35	35	35	35	36	39	40	40	40
9090	40	40	40	40	40	40	39	39	39	39
9100	38	38	38	38	35	31	31	30	29	26
9110	23	20	20	18	14	13	16	15	18	18
9120	20	25	31	34	36	38	39	40	41	45

TO BE CONTINUED

CONTINUED(S-1567 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
9130	47	55	55	55	55	52	52	52	54	57
9140	56	55	55	53	53	53	53	53	42	36
9150	40	37	36	36	36	36	31	29	29	30
9160	27	25	20	18	17	16	12	8	7	2
9170	-1	-1	-3	-5	-5	-8	-8	-13	-16	-16
9180	-16	-16	-16	-20	-26	-30	-33	-33	-33	-34
9190	-33	-38	-46	-47	-48	-48	-49	-51	-51	-51
9200	-43	-43	-44	-44	-47	-47	-47	-47	-47	-44
9210	-43	-41	-50	-55	-59	-60	-63	-67	-67	-67
9220	-51	-51	-50	-44	-46	-46	-46	-44	-38	-34
9230	-50	-28	-34	-34	-35	-34	-29	-28	-25	-24
9240	-17	-19	-13	-13	-13	-10	-3	1	5	8
9250	11	16	15	14	14	13	11	9	8	6
9260	6	6	3	0	0	0	0	0	0	0
9270	0	2	2	2	2	2	2	2	2	2
9280	2	2	3	2	2	2	2	2	2	2
9290	3	2	3	2	2	2	2	2	2	2
9300	-2	-2	-2	-2	0	0	1	2	3	3
9310	6	6	6	6	5	5	1	1	0	0
9320	-2	-6	-7	-8	-8	-9	-9	-14	-20	-22
9330	-22	-24	-26	-27	-28	-30	-32	-35	-39	-42
9340	-51	-42	-44	-48	-54	-56	-59	-61	-63	-65
9350	-65	-65	-65	-69	-69	-69	-68	-67	-67	-67
9360	-65	-65	-65	-66	-66	-63	-58	-55	-55	-55
9370	-55	-54	-50	-48	-47	-46	-42	-32	-36	-30
9380	-28	-24	-21	-21	-20	-16	-13	-9	-7	0
9390	2	3	6	10	13	17	24	26	29	32
9400	37	37	35	34	34	34	34	34	34	35
9410	35	35	35	35	35	35	39	40	38	36
9420	36	36	36	36	35	35	35	35	35	35
9430	32	31	30	29	28	28	28	21	18	17
9440	17	18	18	18	18	16	15	15	15	16
9450	18	12	12	15	19	21	21	20	19	18
9460	17	16	15	15	15	16	17	19	19	19
9470	19	19	19	20	23	24	24	24	24	24
9480	24	24	24	24	23	21	18	17	15	14
9490	11	8	8	8	5	5	2	-3	-5	-5
9500	-5	-5	-3	-1	0	0	0	0	0	1
9510	4	4	5	5	5	5	5	5	5	5
9520	6	6	6	6	6	6	6	6	2	2
9530	2	0	0	0	0	0	0	0	0	0
9540	-13	-13	-16	-18	-18	-18	-18	-13	-13	-13
9550	-18	-18	-23	-22	-22	-20	-17	-18	-18	-18
9560	-18	-18	-18	-17	-17	-17	-17	-17	-17	-17
9570	-12	-12	-12	-12	-11	-10	-10	-9	-6	-4
9580	-2	0	0	0	0	2	3	5	7	8
9590	10	11	11	11	11	11	11	10	7	6
9600	6	6	9	11	11	15	18	20	22	24
9610	26	28	30	34	40	42	43	45	46	47
9620	47	50	54	54	56	59	61	63	63	65
9630	67	68	68	69	72	72	74	76	76	76
9640	77	77	79	82	83	84	84	86	86	86
9650	87	88	88	88	88	87	84	81	81	81
9660	81	81	81	80	76	71	71	69	67	67

TO BE CONTINUED

CONTINUED(S-1567 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
9670	67	66	64	64	64	64	64	59	57	56
9680	55	47	42	33	33	28	26	23	18	15
9690	12	10	7	4	6	5	5	2	1	0
9700	-1	-1	-1	-4	-4	-6	-6	-6	-10	-16
9710	-17	-17	-20	-22	-24	-25	-25	-26	-27	-27
9720	-29	-29	-30	-33	-39	-41	-43	-44	-45	-47
9730	-51	-51	-56	-56	-56	-56	-56	-56	-56	-56
9740	-56	-56	-56	-56	-50	-47	-46	-46	-46	-44
9750	-42	-42	-45	-46	-44	-39	-38	-36	-34	-32
9760	-28	-23	-16	-11	-9	-10	-12	-10	-6	-3
9770	-3	-3	-3	-3	-3	-1	0	0	0	0
9780	5	3	0	0	0	0	0	0	0	0
9790	0	-1	-3	-5	-7	-9	-9	-9	-9	-8
9800	-6	-5	-5	-7	-8	-10	-11	-11	-11	-11
9810	-8	-8	-8	-14	-14	-17	-20	-22	-24	-25
9820	-14	-14	-14	-14	-17	-20	-22	-24	-24	-25
9830	-26	-26	-26	-28	-28	-29	-32	-34	-34	-34
9840	-37	-38	-38	-40	-41	-44	-45	-45	-44	-44
9850	-44	-44	-44	-44	-42	-41	-41	-41	-40	-38
9860	-40	-38	-37	-35	-35	-35	-35	-35	-32	-31
9870	-30	-29	-28	-27	-27	-24	-23	-23	-23	-23
9880	-23	-23	-22	-21	-21	-21	-16	-11	-11	-13
9890	-11	-10	-10	-10	-6	-3	-2	0	2	4
9900	5	6	11	16	18	23	26	26	28	30
9910	32	34	34	31	30	35	35	35	35	35
9920	36	33	33	33	33	33	33	33	33	33
9930	33	33	31	26	26	24	17	13	12	12
9940	12	11	11	11	11	11	10	8	6	6
9950	6	6	6	6	6	0	0	0	-1	-2
9960	-5	-6	-6	-6	-6	-6	-6	-6	-6	-6
9970	-6	-6	-11	-11	-12	-14	-15	-15	-18	-19
9980	-32	-34	-37	-37	-38	-39	-40	-42	-47	-48
9990	-48	-45	-42	-42	-42	-38	-38	-38	-38	-38
10000	-38	-39	-39	-39	-39	-39	-39	-39	-39	-39
10010	-39	-36	-34	-34	-35	-31	-28	-26	-23	-21
10020	-23	-23	-23	-21	-16	-14	-14	-15	-16	-15
10030	-13	-11	-11	-11	-11	-9	-8	-7	-7	-7
10040	-7	-5	-4	-4	-2	0	0	0	0	0
10050	0	0	0	0	0	0	0	0	0	0
10060	6	7	8	9	9	9	9	10	10	11
10070	12	13	13	13	15	17	19	19	19	19
10080	20	22	25	26	26	26	25	21	15	11
10090	11	11	11	10	10	5	3	1	0	0
10100	0	0	0	0	0	4	4	4	4	4
10110	6	11	11	11	11	21	23	23	23	23
10120	23	23	23	23	23	23	23	23	23	23
10130	23	27	28	28	28	28	28	28	28	28
10140	29	29	29	29	29	29	29	29	29	29
10150	29	29	29	29	29	29	29	29	29	29
10160	29	30	30	30	30	30	30	30	30	29
10170	29	30	29	28	26	24	23	23	24	24
10180	24	24	24	20	17	17	17	17	17	18
10190	19	19	19	19	19	19	19	19	18	15
10200	13	12	11	10	9	9	7	5	4	4

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1567 DOWN)										CONTINUED(S-1567 DOWN)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
10750	-47	-46	-46	-45	-44	-44	-39	-35	-34	-34	11590	-74	-74	-76	-78	-79	-79	-79	-80	-81	
10760	-34	-32	-28	-24	-24	-24	-24	-22	-20	-19	11300	-81	-80	-79	-79	-78	-78	-78	-78	-78	-76
10770	-17	-16	-15	-13	-11	-10	-7	-5	-5	-3	11310	-77	-77	-76	-76	-76	-76	-76	-76	-76	-73
10780	0	4	7	11	13	14	16	18	21	21	11320	-73	-72	-70	-69	-69	-69	-66	-63	-61	-61
10790	21	21	22	23	24	24	25	27	28	28	11330	-59	-57	-55	-53	-51	-49	-49	-48	-47	-46
10800	33	34	35	37	38	38	38	38	37	36	11340	-46	-46	-45	-43	-40	-35	-30	-27	-26	-23
10810	38	37	35	37	38	38	38	38	37	36	11350	-20	-18	-18	-18	-16	-11	-6	-6	-2	0
10820	36	37	37	40	40	40	40	40	40	40	11360	0	1	2	4	6	10	12	14	17	17
10830	40	40	40	40	40	40	40	40	40	40	11370	18	19	22	30	30	30	27	26	28	30
10840	40	40	39	38	38	38	38	34	33	30	11380	34	37	34	36	38	39	41	45	45	45
10850	28	24	24	24	24	24	26	23	22	20	11390	46	47	50	50	51	51	51	52	52	52
10860	17	16	16	16	16	16	16	15	12	9	11400	53	56	61	63	63	61	61	61	61	62
10870	9	5	1	1	1	1	1	1	1	0	11410	63	67	71	67	67	67	67	67	63	62
10880	0	-1	-4	-5	-5	-5	-5	-6	-6	-6	11420	60	60	60	60	58	59	60	57	56	56
10890	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	11430	57	57	57	55	51	52	52	52	52	48
10900	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	11440	44	40	41	41	41	41	41	39	31	28
10910	-6	-7	-9	-9	-11	-9	-6	-6	-6	-6	11450	28	23	26	26	26	26	28	28	23	21
10920	-6	-6	-6	-6	-6	-6	-7	-8	-8	-8	11460	21	21	21	18	17	17	17	17	16	16
10930	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	11470	16	13	11	11	11	11	11	11	11	11
10940	-8	-8	-8	-11	-13	-17	-18	-18	-17	-14	11480	8	3	2	1	-2	-3	0	3	3	2
10950	-10	-12	-10	-9	-9	-9	-9	-8	-8	-7	11490	0	-1	-1	-1	0	0	0	-1	-1	-2
10960	-10	-9	-9	-9	-9	-9	-8	-8	-8	-7	11500	-5	-6	-6	-6	-6	-6	-6	-8	-8	-6
10970	-7	-6	-6	-6	-4	-4	-4	-4	-4	-4	11510	-7	-6	-6	-6	-6	-6	-4	-4	-3	-7
10980	0	3	3	4	4	5	5	5	5	5	11520	5	5	5	5	5	5	5	5	5	5
10990	5	5	5	5	5	5	5	5	5	5	11530	5	7	7	7	7	7	7	7	7	9
11000	7	7	7	7	7	7	7	7	7	7	11540	5	9	12	11	11	11	12	12	12	12
11010	3	4	3	3	3	3	3	3	3	3	11550	9	9	9	9	9	9	9	8	5	5
11020	3	3	3	3	3	3	3	3	3	3	11560	11	10	9	9	9	9	9	8	5	5
11030	8	8	10	10	10	10	11	11	12	14	11570	5	5	8	9	9	9	9	8	5	5
11040	17	17	17	16	14	14	13	12	12	12	11580	4	2	0	0	-1	-2	-3	-3	-4	-5
11050	12	12	13	13	13	13	14	15	16	17	11590	-5	-6	-7	-9	-11	-11	-10	-10	-11	-11
11060	19	19	19	18	18	18	18	17	16	15	11600	-13	-16	-18	-19	-20	-22	-22	-22	-22	-22
11070	15	15	15	15	16	18	18	18	19	19	11610	-22	-22	-22	-22	-22	-22	-22	-23	-24	-24
11080	19	19	19	19	20	20	21	22	22	22	11620	-24	-24	-24	-24	-24	-24	-22	-23	-24	-24
11090	22	22	22	22	22	22	22	22	22	22	11630	-14	-14	-14	-14	-14	-14	-11	-11	-14	-14
11100	22	22	22	22	22	21	17	17	17	16	11640	-3	-2	-2	-2	-2	-2	0	5	6	8
11110	14	13	13	13	13	7	7	7	7	7	11650	8	8	8	8	8	8	11	14	14	15
11120	3	0	-1	-1	-1	-1	-1	-1	0	2	11660	19	19	19	19	19	19	19	19	20	24
11130	3	4	4	4	4	4	4	4	9	11	11670	22	22	27	27	27	27	27	27	26	26
11140	11	11	11	11	11	11	11	11	11	11	11680	26	27	30	30	30	30	30	30	30	33
11150	12	12	12	12	12	12	12	12	12	12	11690	34	34	35	35	36	36	36	36	36	36
11160	12	12	12	12	12	12	12	13	13	13	11700	36	36	38	38	38	38	38	38	35	35
11170	13	13	12	12	12	12	12	11	10	10	11710	34	32	29	29	29	29	29	29	25	24
11180	10	10	10	10	10	10	10	10	10	8	11720	24	24	24	21	20	18	13	11	8	8
11190	7	6	6	6	5	5	5	5	5	5	11730	8	8	8	6	0	-4	-7	-10	-11	-10
11200	5	5	5	5	5	5	5	5	5	5	11740	-10	-9	-9	-11	-12	-13	-15	-20	-25	-27
11210	5	5	5	5	5	5	5	4	3	1	11750	-27	-26	-26	-27	-27	-26	-29	-31	-31	-31
11220	0	2	3	4	5	5	5	4	3	2	11760	-31	-32	-35	-36	-36	-36	-36	-36	-36	-36
11230	2	2	2	2	2	1	-1	-1	-1	-2	11770	-36	-36	-38	-39	-39	-40	-40	-40	-40	-40
11240	-12	-12	-12	-13	-15	-16	-19	-21	-24	-25	11780	-40	-40	-40	-40	-41	-41	-44	-44	-44	-44
11250	-29	-31	-32	-32	-32	-32	-36	-36	-36	-36	11790	-44	-44	-44	-44	-44	-45	-46	-46	-46	-45
11260	-36	-36	-36	-36	-36	-36	-37	-38	-38	-39	11800	-45	-45	-45	-45	-44	-42	-43	-44	-44	-44
11270	-41	-47	-47	-49	-49	-51	-51	-52	-52	-47	11810	-43	-43	-43	-43	-43	-43	-42	-41	-40	-40
11280	-60	-64	-66	-66	-66	-68	-70	-73	-73	-73	11820	-40	-40	-40	-40	-40	-38	-38	-43	-43	-42

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1567 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
11850	-39	-39	-39	-38	-38	-36	-36	-34	-34	-34
11840	-34	-34	-33	-33	-31	-31	-30	-28	-25	-24
11850	-24	-20	-19	-19	-17	-15	-13	-13	-14	-15
11860	-15	-14	-14	-14	-13	-9	-9	-9	-9	-11
11870	-11	-12	-13	-13	-13	-13	-13	-13	-12	-11
11880	-11	-11	-12	-13	-13	-13	-13	-13	-13	-13
11890	-13	-16	-20	-15	-10	-8	-4	0	2	3
11900	2	1	1	1	1	1	1	1	2	3
11910	5	8	10	10	10	11	11	13	13	15
11920	15	16	16	16	16	16	16	16	19	24
11930	25	25	25	25	25	26	26	28	32	35
11940	36	37	38	38	38	38	38	39	39	41
11950	43	44	45	45	44	38	38	38	39	39
11960	39	40	42	43	44	44	44	44	44	44
11970	44	44	45	45	47	48	49	49	50	48
11980	48	48	48	48	44	40	40	41	41	41
11990	41	41	41	41	38	38	38	38	38	37

END

RECORD = S-1573 COMPONENT = SOUTH STATION = AOHRI-S
 DATE AND TIME = 1983-05-26-12-00 TOTAL NUMBER OF DATA = 12000
 SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 SIGNAL = GR. ACC.
 CONNECTION POINT IN DATA NUMBER = 3039, 6006, 8990, 11958

CONTINUED(S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	20	17	12	5	0	-2	-3	-4	-7	-9
500	-11	-12	-12	-9	-7	-10	-13	-14	-16	-17
510	-18	-20	-21	-22	-22	-22	-14	-1	9	23
520	35	46	51	52	52	50	47	42	36	29
530	-21	9	-21	-22	-34	-41	-44	-44	-43	-43
540	41	-44	-37	-35	-4	13	24	31	36	44
550	46	46	46	34	31	21	3	19	-25	-38
560	-45	-43	-36	-37	-15	-4	13	28	10	-6
570	-22	-37	-35	-62	-70	-74	-68	-62	-32	-38
580	-22	-10	3	16	21	27	33	37	36	33
590	25	16	5	-4	-12	-23	-27	-25	-17	-21
600	-9	-5	-2	11	15	11	15	19	23	23
610	18	8	-2	-13	-19	-20	-24	-32	-34	-28
620	-20	-13	7	2	7	12	17	22	26	26
630	34	46	56	59	63	66	70	64	50	40
640	28	16	11	12	15	18	21	25	30	39
650	43	36	26	18	14	10	6	-2	-6	-13
660	-22	-28	-33	-38	-42	-45	-47	-51	-53	-59
670	-62	-61	-57	-49	-40	-27	-15	-1	13	24
680	35	37	25	7	0	-16	-27	-50	-66	-80
690	-92	-101	-114	-122	-130	-140	-150	-160	-174	-184
700	-183	-180	-183	-185	-185	-183	-182	-178	-177	-177
710	-176	-174	-170	-166	-161	-156	-142	-127	-114	-103
720	-95	-88	-88	-81	-76	-73	-51	-46	-39	-26
730	-32	-34	-38	-40	-44	-48	-50	-51	-52	-48
740	-20	-11	-9	1	11	14	9	1	1	8
750	-16	-24	-29	-32	-37	-40	-40	-43	-43	-42
760	-42	-42	-42	-42	-43	-44	-41	-33	-22	-4
770	18	46	72	93	118	127	122	110	91	71
780	57	26	8	-8	-19	-29	-38	-42	-42	-37
790	-34	-33	-30	-28	-28	-36	-47	-61	-74	-86
800	-100	-101	-96	-87	-73	-56	-43	-41	-39	-35
810	-33	-29	-22	-10	0	8	14	18	20	18
820	10	1	-15	-32	-42	-52	-59	-56	-40	-25
830	-10	4	16	28	40	51	64	72	75	80
840	84	86	85	85	80	80	79	75	67	53
850	40	27	14	5	-8	-22	-31	-34	-36	-36
860	-28	-15	-4	7	8	10	16	18	20	16
870	-25	-12	-3	8	17	20	20	18	8	1
880	3	19	38	59	75	75	51	21	-2	-28
890	-48	-58	-50	-39	-33	-28	-26	-30	-33	-40
900	51	62	69	79	84	84	81	78	-67	-61
910	-49	-37	-22	-15	-10	-9	-19	-34	-37	-54
920	-66	-79	-88	-94	-93	-75	-48	-24	2	18
930	31	33	33	33	31	27	22	14	10	6
940	1	-1	-1	-1	6	28	58	81	104	112
950	116	110	91	71	52	25	-3	-32	-57	-69
960	-76	-72	-53	-35	-18	-7	5	18	32	49
970	65	65	65	61	55	56	56	56	56	57
980	57	57	57	57	52	49	46	46	46	47
990	38	31	23	15	3	-3	0	0	0	0
1000	24	27	31	31	23	15	5	0	-2	-5
1010	-5	-5	-9	-9	-5	-5	-5	-5	-5	-5
1020	-12	-11	-14	-7	3	19	28	40	42	30

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	2	-19	-34	-46	-54	-47	-35	-28	-11	2
1040	11	0	-5	0	-10	-4	-5	-4	-5	-4
1050	-5	-6	-13	-29	-41	-57	-74	-80	-87	-83
1060	-7	-34	-29	-14	13	25	37	37	30	38
1070	40	40	39	33	22	16	9	12	20	31
1080	49	68	80	79	56	43	32	32	23	17
1090	5	-4	-5	-9	-11	-13	-14	-17	-20	-18
1100	-13	-17	-26	-36	-44	-54	-66	-70	-70	-64
1110	-30	-38	-47	-58	-68	-79	-89	-94	-94	-83
1120	29	21	7	-4	-13	-26	-31	-34	-41	-44
1130	-40	-13	-20	-1	1	1	3	4	4	4
1140	-1	-10	-15	-19	-31	-32	-22	-13	0	11
1150	47	72	118	142	141	125	107	87	70	42
1160	-4	-22	-41	-41	-36	-22	14	54	80	103
1170	101	93	76	51	29	8	1	1	-2	0
1180	9	9	4	8	4	-8	35	-67	-86	-96
1190	-9	-9	-91	-73	-58	-49	-43	-43	-43	-43
1200	-3	-43	-43	-40	-31	-30	-30	-29	-29	-29
1210	-8	-8	-29	-29	-32	-35	-35	-27	-14	4
1220	26	45	56	63	64	60	51	42	34	20
1230	5	-5	-14	-18	-18	-15	-11	-8	-8	-11
1240	-14	-19	-25	-27	-27	-26	-20	-14	-2	13
1250	23	43	56	62	64	66	67	67	67	67
1260	61	51	43	36	29	24	24	20	23	29
1270	61	51	43	36	29	24	24	20	23	29
1280	35	23	11	-1	-9	-18	-16	-12	-12	-12
1290	-5	-16	-21	-24	-33	-34	-37	-41	-42	-43
1300	-43	-43	-44	-48	-58	-71	-85	-91	-90	-90
1310	-88	-82	-67	-62	-55	-48	-50	-53	-59	-62
1320	-58	-63	-27	-8	9	26	40	50	57	62
1330	62	62	62	59	53	48	46	46	46	44
1340	41	38	34	27	19	13	17	22	24	24
1350	23	21	20	26	36	45	49	53	56	52
1360	48	45	43	45	53	75	92	101	100	92
1370	72	50	35	24	8	-7	-12	-28	-40	-44
1380	-66	-67	-48	-53	-67	-80	-97	-116	-136	-151
1390	-164	-174	-180	-181	-168	-139	-119	-99	-85	-59
1400	-32	-6	9	19	19	22	23	23	11	1
1410	-11	-34	-63	-79	-94	-105	-107	-90	-73	-55
1420	-44	-38	-34	-38	-48	-59	-63	-66	-64	-60
1430	-59	-92	-42	-28	0	39	59	79	93	100
1440	99	98	97	92	84	79	69	55	42	27
1450	-1	-1	-11	-25	-38	-50	-59	-71	-83	-88
1460	-81	-94	-89	-83	-81	-79	-76	-76	-63	-43
1470	-28	-35	7	26	36	51	64	71	73	71
1480	68	66	63	64	75	95	112	124	135	144
1490	152	153	149	135	123	101	81	70	67	58
1500	1	-28	-49	-63	-77	-80	-92	-89	-73	-63
1510	-50	-31	-20	-34	-51	-69	-78	-87	-87	-87
1520	-90	-95	-84	-77	-65	-55	-50	-47	-56	-70
1530	-77	-88	-102	-102	-104	-103	-92	-74	-63	-44
1540	-59	-57	-58	-52	-42	-32	-13	-1	37	94
1550	97	124	154	170	168	153	132	82	54	44
1560	39	24	18	17	21	39	53	56	59	56

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2110	109	88	84	73	50	36	19	0	-10	-17
2120	-18	131	34	41	65	98	113	134	141	131
2130	95	57	31	-10	-77	-156	-241	-323	-389	-443
2140	-71	-493	-524	-542	-539	-523	-503	-492	-480	-477
2150	-452	-424	-397	-369	-347	-327	-327	-342	-351	-374
2160	-415	-472	-517	-540	-531	-538	-503	-469	-416	-314
2170	-186	-90	-30	-18	-7	-8	-16	-3	-47	-69
2180	-48	-45	-33	-23	-13	-7	0	28	73	109
2190	161	279	395	472	517	531	536	542	543	535
2200	517	492	454	435	382	329	282	243	208	187
2210	181	199	233	244	261	266	263	217	186	157
2220	120	63	30	-24	-70	-88	-68	-43	-7	-15
2230	77	93	114	131	140	147	148	140	134	122
2240	83	59	35	-3	-49	-109	-153	-169	-172	-104
2250	-21	67	137	179	200	173	152	110	54	20
2260	-96	-21	-12	-180	-203	-224	-224	-180	-127	-14
2270	186	332	438	460	437	409	390	370	355	349
2280	344	342	330	299	267	226	188	155	139	130
2290	138	160	179	219	299	389	505	530	536	555
2300	560	560	552	546	518	488	466	453	428	403
2310	379	348	305	263	224	181	134	102	108	135
2320	180	259	301	313	315	295	265	245	219	201
2330	170	127	82	38	0	-35	-82	-140	-194	-249
2340	-295	-321	-331	-311	-279	-240	-204	-147	-76	-44
2350	50	70	58	26	-4	-45	-97	-145	-198	-286
2360	-365	-376	-408	-421	-426	-408	-385	-367	-356	-329
2370	-307	-259	-244	-269	-298	-341	-402	-469	-526	-586
2380	-636	-668	-674	-668	-656	-603	-528	-429	-292	-166
2390	-270	-270	-268	-257	-264	-276	-302	-331	-349	-356
2400	-360	-356	-337	-317	-296	-289	-283	-303	-319	-332
2410	-344	-340	-326	-303	-277	-244	-188	-119	-51	42
2420	191	259	291	312	331	352	373	393	421	444
2430	462	508	567	618	656	687	709	709	693	675
2440	652	622	577	535	486	432	378	322	269	204
2450	198	206	238	325	360	348	316	290	260	208
2460	183	149	159	144	133	130	131	129	140	134
2470	114	91	62	19	-55	-133	-212	-276	-392	-456
2480	-527	-533	-497	-437	-437	-431	-409	-381	-347	-304
2490	-455	-381	-297	-231	-168	-126	-121	-130	-147	-163
2500	-187	-197	-211	-211	-211	-193	-162	-168	-134	-107
2510	-51	-16	22	59	81	93	82	66	48	29
2520	18	-3	1	19	25	56	89	139	173	217
2530	238	235	220	207	194	187	180	187	212	239
2540	285	330	369	408	450	471	476	471	467	467
2550	466	472	484	494	493	492	481	472	463	449
2560	446	443	438	430	421	409	396	387	376	362
2570	347	344	345	346	345	339	324	297	261	210
2580	153	94	31	-29	-79	-113	-132	-145	-149	-150
2590	-140	-164	-179	-204	-234	-269	-308	-345	-368	-349
2600	-375	-359	-343	-330	-322	-327	-337	-351	-400	-424
2610	-458	-495	-541	-594	-644	-685	-713	-754	-821	-914
2620	-707	-696	-696	-710	-724	-723	-723	-721	-721	-716
2630	-696	-697	-695	-694	-694	-693	-693	-692	-689	-689
2640	-686	-680	-668	-651	-641	-628	-609	-597	-585	-569

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2650	-555	-536	-511	-464	-371	-245	-114	10	45	91
2660	107	117	119	120	117	125	129	151	191	229
2670	252	304	362	401	422	451	487	519	541	553
2680	553	542	519	505	488	475	460	459	482	505
2690	543	566	578	582	568	535	507	465	432	402
2700	370	363	388	428	463	477	490	477	444	425
2710	410	384	340	305	265	233	223	214	203	195
2720	189	185	172	153	147	138	123	93	59	28
2730	0	-20	-34	-44	-43	-39	-37	-39	-57	-86
2740	-112	-137	-164	-190	-226	-255	-255	-254	-234	-216
2750	-196	-192	-182	-179	-179	-179	-179	-184	-186	-197
2760	-212	-249	-258	-258	-266	-248	-211	-150	-42	81
2770	180	262	340	386	401	420	428	429	440	402
2780	385	372	364	358	358	365	373	376	371	348
2790	317	278	234	190	117	42	-17	-77	-124	-159
2800	-183	-192	-181	-151	-154	-156	-168	-188	-206	-228
2810	-251	-273	-310	-338	-358	-350	-323	-289	-245	-202
2820	-173	-164	-164	-168	-171	-175	-177	-173	-172	-176
2830	-190	-208	-223	-242	-264	-273	-289	-300	-311	-326
2840	-342	-359	-374	-388	-402	-420	-440	-467	-492	-513
2850	-538	-562	-581	-597	-608	-607	-600	-595	-591	-589
2860	-594	-601	-610	-614	-610	-600	-589	-578	-572	-567
2870	-559	-539	-510	-484	-450	-420	-392	-350	-251	-189
2880	-136	-105	-87	-61	-48	-32	-11	-61	-41	-11
2890	14	36	65	91	116	148	188	215	276	334
2900	425	509	598	648	673	665	644	612	581	535
2910	438	371	341	319	309	320	338	351	370	392
2920	406	421	432	449	456	447	422	400	383	363
2930	339	307	268	224	173	110	55	26	6	-5
2940	-3	6	20	29	37	40	34	19	-5	-35
2950	-71	-116	-156	-194	-235	-269	-304	-342	-355	-369
2960	-386	-403	-419	-425	-411	-395	-372	-336	-300	-278
2970	-256	-242	-230	-218	-203	-187	-164	-139	-109	-82
2980	-65	-66	-39	-37	-33	-32	-32	-34	-34	-34
2990	-36	-23	-1	26	44	72	106	129	136	132
3000	160	176	189	216	233	253	263	285	307	319
3010	331	351	370	392	428	460	478	501	521	538
3020	555	563	564	554	532	517	504	471	436	397
3030	351	299	240	182	126	61	16	30	-59	-71
3040	-69	-54	-32	-18	1	19	25	36	40	34
3050	21	0	-23	-40	-62	-84	-105	-138	-173	-202
3060	-251	-300	-342	-385	-417	-433	-448	-474	-474	-472
3070	-457	-437	-403	-360	-311	-268	-218	-168	-128	-100
3080	-84	-78	-71	-63	-53	-40	-25	-12	10	57
3090	94	153	202	257	295	318	338	349	364	369
3100	367	339	306	280	248	224	195	177	157	132
3110	129	162	182	214	244	269	264	244	178	149
3120	127	107	89	57	32	19	-11	-33	-54	-69
3130	-90	-89	-78	-48	-13	11	45	69	103	140
3140	165	195	217	258	313	374	428	469	494	505
3150	509	507	495	463	439	412	379	339	296	253
3160	205	158	111	67	47	4	46	43	38	36
3170	30	21	13	12	11	0	-23	-44	-75	-110
3180	-139	-161	-191	-221	-246	-267	-273	-239	-190	-127

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3190	-48	37	95	110	112	102	72	40	14	-8
3200	-23	-50	-70	-89	-101	-109	-128	-141	-154	-172
3210	-191	-222	-256	-299	-329	-363	-436	-475	-523	-582
3220	-364	-580	-807	-611	-615	-619	-619	-604	-586	-548
3230	-372	-563	-552	-483	-423	-423	-387	-346	-319	-283
3240	-396	-272	-240	-221	-219	-198	-180	-165	-143	-119
3250	-95	-60	-48	-17	24	59	98	129	160	190
3260	208	321	266	282	301	325	346	369	375	372
3270	361	343	340	332	330	326	316	307	300	299
3280	309	321	330	338	343	340	328	306	281	248
3290	210	172	131	111	93	56	41	55	51	106
3300	132	154	165	167	161	138	102	70	36	-1
3310	-29	-59	-84	-100	-100	-84	-59	-32	-11	29
3320	41	14	-24	-52	-104	-139	-179	-224	-279	-309
3330	-356	-350	-289	-221	-140	-99	-69	-33	13	101
3340	236	266	300	302	282	266	250	229	215	213
3350	198	196	189	188	175	162	158	147	139	138
3360	132	132	132	132	132	113	86	43	19	-21
3370	-62	-94	-75	-48	-18	-3	15	29	40	52
3380	53	69	86	112	135	160	191	227	268	294
3390	308	303	286	227	168	125	74	38	1	-27
3400	-59	-93	-118	-116	-95	-71	-51	-25	5	32
3410	57	80	92	107	113	115	118	120	121	119
3420	117	115	113	112	107	100	97	96	95	94
3430	94	94	93	86	74	58	41	28	16	6
3440	-1	8	37	64	89	128	172	223	263	277
3450	274	251	227	201	174	157	136	115	100	110
3460	161	199	231	249	253	263	258	235	190	141
3470	109	78	50	24	7	-8	-37	-76	-113	-164
3480	-220	-253	-308	-365	-425	-486	-555	-625	-683	-740
3490	-652	-638	-605	-560	-492	-420	-373	-361	-363	-381
3500	-418	-445	-470	-503	-536	-548	-538	-499	-437	-365
3510	-257	-102	-36	23	56	66	69	73	63	38
3520	12	-16	-39	-64	-98	-117	-131	-115	-81	-54
3530	14	63	108	137	151	142	115	88	62	25
3540	-2	-30	-46	-35	-6	25	49	73	89	103
3550	112	117	135	156	171	182	186	185	179	165
3560	137	109	87	67	46	26	15	29	56	108
3570	173	260	352	431	491	517	528	515	478	450
3580	406	342	286	211	188	131	69	12	-37	-78
3590	-106	-104	-84	-82	-68	-50	61	77	87	93
3600	89	79	99	97	100	95	78	60	36	36
3610	14	-14	-24	-42	-100	-95	-48	0	180	318
3620	346	328	277	232	164	102	40	-6	-56	-110
3630	-140	-152	-154	-155	-155	-125	-88	-64	-48	-48
3640	-27	-2	27	50	70	85	94	95	106	129
3650	158	192	217	229	235	227	210	194	181	175
3660	182	200	217	229	239	252	265	267	267	256
3670	234	204	167	135	72	10	-48	-94	-139	-175
3680	-318	-347	-375	-389	-401	-403	-379	-343	-319	-283
3690	-517	-500	-494	-490	-477	-457	-429	-397	-367	-342
3700	-223	-104	-93	-75	-61	-40	58	61	68	67
3710	81	99	119	136	180	217	226	225	199	158
3720	123	69	29	-43	-105	-156	-232	-289	-359	-400

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3730	-425	-432	-405	-343	-276	-224	-153	-87	-34	-21
3740	-30	-65	-116	-174	-232	-297	-362	-429	-498	-567
3750	-58	-260	-271	-285	-290	-282	-257	-223	-178	-139
3760	-104	-39	34	73	95	83	37	-8	-56	-109
3770	-165	-224	-277	-326	-356	-379	-403	-409	-375	-323
3780	-294	-355	-423	-496	-545	-580	-609	-625	-618	-564
3790	-367	-485	-618	-765	-845	-880	-895	-875	-818	-748
3800	179	279	326	333	312	274	242	212	179	136
3810	34	28	17	-56	-96	-145	-188	-245	-297	-350
3820	-352	-322	-277	-237	-184	-119	16	151	244	321
3830	364	391	390	368	285	261	236	212	196	166
3840	198	217	269	336	417	506	629	832	892	942
3850	949	908	861	816	767	707	651	603	550	507
3860	480	452	418	383	346	313	261	232	193	174
3870	173	164	158	155	135	112	93	76	68	69
3880	53	133	215	291	352	420	468	434	398	348
3890	343	272	191	99	-29	-85	-75	-112	-137	-155
3900	-178	-196	-210	-230	-240	-253	-273	-290	-307	-332
3910	-349	-371	-399	-411	-411	-370	-326	-271	-154	-109
3920	30	28	14	-9	-35	-44	-53	-73	-92	-109
3930	-135	-164	-177	-196	-229	-246	-258	-226	-200	-175
3940	-173	-147	-135	-131	-141	-162	-186	-205	-232	-240
3950	-232	-215	-207	-195	-192	-210	-240	-263	-288	-319
3960	-350	-332	-333	-332	-320	-300	-267	-228	-188	-143
3970	-511	-476	-426	-372	-320	-330	-328	-362	-389	-411
3980	-430	-448	-465	-472	-483	-493	-476	-495	-492	-465
3990	-414	-355	-290	-220	-136	-34	49	87	138	175
4000	185	200	213	203	166	131	99	71	44	51
4010	62	69	77	87	79	59	43	36	51	73
4020	83	83	82	81	67	42	9	-28	-56	-85
4030	-94	-63	5	58	110	143	160	103	49	-1
4040	-48	-85	-102	-73	-22	41	138	220	264	279
4050	280	277	273	273	275	286	307	332	351	357
4060	357	348	324	286	258	228	201	178	176	212
4070	518	288	293	305	327	307	291	275	257	253
4080	233	221	222	249	276	312	366	460	581	656
4090	674	642	601	550	463	351	262	188	111	68
4100	29	-4	-12	-3	4	13	23	31	59	84
4110	110	148	184	221	235	227	191	173	152	120
4120	60	15	-14	-40	-42	-41	-35	-6	50	114
4130	168	222	268	283	268	240	217	194	154	179
4140	119	228	94	-150	-193	-232	-253	-303	-344	-375
4150	-394	-399	-393	-384	-377	-356	-304	-226	-146	-78
4160	437	-408	-365	-319	-234	-175	196	409	497	518
4170	522	547	584	598	607	622	640	635	605	565
4180	519	475	426	373	311	262	219	157	98	45
4190	6	-24	1	57	177	270	294	250	205	205
4200	157	100	29	-35	-18	-121	-153	-162	-158	-155
4210	4210	156	-167	-212	-345	-403	-453	-503	-553	-582
4220	376	375	344	469	367	274	183	85	25	28
4230	4230	287	-265	-255	-237	-219	-217	-236	-262	-286
4240	314	367	382	406	420	424	423	422	424	431
4250	442	458	472	495	504	501	486	465	417	383
4260	-352	-312	-278	-253	-196	-122	-63	-9	34	65

TO BE CONTINUED

CONTINUED (S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4270	52	22	-7	-29	-62	-99	-114	-118	-106	-97
4280	-88	-60	-10	44	80	147	262	355	433	461
4290	425	413	354	314	272	225	168	112	72	51
4300	58	59	54	41	17	15	15	15	15	15
4310	14	16	12	0	-17	-39	-46	-71	-103	-135
4320	-162	-185	-217	-249	-274	-267	-186	-144	-109	-83
4330	-80	-42	4	59	137	318	566	392	378	330
4340	289	252	216	165	139	130	140	182	214	233
4350	241	252	249	245	245	246	263	321	368	410
4360	466	515	553	584	594	582	552	510	469	427
4370	372	305	243	181	108	53	1	-31	-52	-68
4380	-83	-94	-104	-104	-106	-111	-123	-132	-149	-168
4390	-139	-139	-140	-149	-163	-183	-206	-230	-249	-272
4400	-298	-316	-323	-316	-312	-305	-281	-234	-182	-129
4410	-145	-135	-152	-181	-208	-236	-266	-277	-274	-249
4420	-207	-161	-117	-98	-83	-64	-44	-39	-62	-92
4430	-102	-103	-103	-92	-69	-63	-45	-28	-24	-14
4440	-127	-127	-182	-245	-258	-339	-385	-409	-423	-428
4450	-72	-390	-359	-314	-275	-246	-229	-201	-138	-93
4460	-80	-75	-78	-140	-187	-200	-243	-275	-296	-303
4470	-284	-247	-190	-92	83	343	509	611	657	668
4480	625	584	534	473	403	335	275	217	183	144
4490	111	100	84	66	42	26	-3	-22	0	67
4500	91	119	139	149	138	120	94	-32	-14	-34
4510	-72	-117	-177	-261	-378	-464	-518	-555	-596	-624
4520	40	97	141	168	172	150	112	79	46	16
4530	-5	-17	-15	18	71	126	207	283	337	385
4540	405	406	402	364	326	278	238	191	176	137
4550	133	116	95	68	36	13	2	-23	-50	-68
4560	-91	-99	-98	-83	-63	-36	-10	18	82	48
4570	38	27	21	7	-13	-27	-52	-75	-108	-148
4580	-211	-253	-302	-342	-366	-377	-374	-347	-236	-147
4590	-8	67	87	79	32	5	-47	-98	-143	-206
4600	-255	-289	-329	-343	-332	-282	-228	-153	-10	63
4610	92	104	65	42	49	75	95	127	149	184
4620	235	319	423	532	593	634	678	677	632	584
4630	590	526	433	387	325	263	200	139	83	38
4640	15	0	2	21	30	31	29	17	-2	-20
4650	-29	-28	-30	-38	-63	-105	-141	-172	-203	-224
4660	-229	-186	-125	-64	24	106	159	185	166	166
4670	136	108	86	74	71	75	99	109	108	89
4680	60	11	-20	-50	-69	-91	-111	-100	-86	-81
4690	-80	-90	-123	-157	-221	-266	-317	-373	-406	-420
4700	-408	-343	-277	-195	-167	-158	-162	-168	-221	-247
4710	-293	-384	-503	-633	-793	-954	-1147	-1347	-1547	-1747
4720	-485	-432	-350	-224	-423	-421	-422	-429	-436	-435
4730	-430	-425	-408	-334	-448	-465	-480	-499	-510	-523
4740	-527	-525	-508	-488	-471	-440	-403	-373	-341	-309
4750	-288	-275	-272	-272	-269	-265	-261	-254	-245	-209
4760	-17	77	154	211	245	252	245	220	196	189
4770	190	211	249	268	289	303	299	271	240	216
4780	184	180	189	237	279	323	372	421	467	471
4790	471	476	487	496	504	498	465	416	357	300
4800	250	192	137	59	53	36	53	90	119	143

TO BE CONTINUED

CONTINUED (S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4810	171	210	233	239	282	295	335	383	443	467
4820	464	447	428	406	383	351	306	256	215	147
4830	115	113	159	210	255	291	327	320	261	216
4840	175	131	87	22	4	9	38	49	78	100
4850	127	174	202	242	283	287	288	280	249	204
4860	159	111	63	23	-9	-39	-43	3	60	189
4870	379	412	414	394	359	321	290	248	198	172
4880	165	167	184	211	240	272	293	320	325	341
4890	348	353	354	353	336	307	270	230	197	140
4900	69	-49	-130	-193	-240	-304	-369	-404	-422	-432
4910	-630	-639	-638	-637	-623	-623	-623	-623	-623	-623
4920	-421	-392	-330	-279	-204	-103	-53	-53	-53	-52
4930	-112	-132	-147	-174	-203	-233	-273	-326	-305	-318
4940	-344	-360	-356	-338	-317	-308	-278	-236	-201	-167
4950	-143	-128	-115	-115	-158	-196	-222	-245	-222	-177
4960	-375	-390	-403	-403	-389	-348	-301	-262	-222	-174
4970	-123	-74	-13	40	73	88	91	92	94	94
4980	101	105	111	127	154	204	245	280	302	327
4990	388	394	392	379	360	335	302	273	250	237
5000	233	244	286	327	354	363	364	361	341	339
5010	305	261	227	201	175	149	115	78	42	9
5020	-15	-27	-50	-90	-117	-132	-153	-170	-179	-189
5030	-193	-193	-184	-157	-131	-100	-89	-75	-68	-58
5040	-49	-33	-14	-13	-51	-80	-75	-94	-101	-128
5050	-161	-190	-211	-249	-288	-328	-390	-468	-564	-684
5060	-124	-90	-51	-24	-25	-58	-85	-106	-129	-148
5070	-163	-169	-138	-119	-103	-92	-86	-86	-96	-118
5080	-142	-162	-197	-250	-291	-328	-355	-355	-348	-354
5090	-295	-265	-248	-215	-158	-80	59	243	351	441
5100	487	505	522	539	543	543	542	532	530	533
5110	543	562	583	615	648	687	704	717	715	709
5120	706	711	713	703	688	669	645	624	603	593
5130	553	508	470	434	421	399	370	348	288	213
5140	156	121	86	36	-22	-85	-147	-190	-203	-240
5150	-312	-387	-457	-516	-564	-586	-597	-600	-600	-602
5160	-597	-572	-542	-513	-494	-474	-454	-438	-438	-438
5170	-638	-641	-643	-642	-641	-642	-653	-664	-674	-688
5180	-318	-324	-311	-488	-597	-451	-453	-406	-342	-183
5190	-125	-68	-4	43	76	98	106	115	123	125
5200	135	144	164	173	198	247	301	364	426	472
5210	499	509	506	492	469	441	402	347	282	210
5220	143	95	41	3	-16	-23	-19	-1	25	60
5230	80	101	133	150	171	173	176	178	178	173
5240	160	148	123	94	68	45	21	7	-1	-3
5250	-71	-84	-97	-119	-147	-171	-210	-260	-308	-357
5260	-47	-50	-49	-54	-597	-637	-663	-691	-706	-690
5270	-595	-450	-490	-544	-597	-657	-663	-691	-706	-690
5280	-656	-608	-544	-475	-438	-422	-414	-414	-414	-413
5290	-612	-397	-332	-366	-342	-314	-275	-268	-209	-169
5300	-122	-73	-16	34	84	115	140	152	140	183
5310	207	226	284	283	307	318	317	315	301	312
5320	284	280	262	243	229	214	195	163	138	134
5330	126	122	122	125	135	152	183	228	287	312
5340	375	423	446	418	369	322	269	209	146	68

TO BE CONTINUED

CONTINUED (S-1573 SOUTH)											CONTINUED (S-1573 SOUTH)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5350	-10	-71	-124	-146	-181	-206	-225	-236	-260	-290	5890	-135	-149	-162	-171	-175	-173	-158	-138	-119	-108
5360	-256	-210	-168	-125	-92	-67	-55	-65	-98	-125	5900	-102	-88	-77	-77	-77	-75	-75	-69	-60	-43
5370	-133	-131	-130	-130	-130	-130	-130	-123	-122	-123	5910	-19	7	44	92	140	173	219	259	286	304
5380	-148	-186	-219	-246	-285	-332	-371	-404	-425	-435	5920	319	326	319	291	281	259	238	212	190	169
5390	-434	-432	-414	-404	-391	-389	-382	-380	-380	-380	5930	135	97	57	30	15	3	0	33	55	78
5400	-337	-417	-439	-452	-453	-452	-451	-451	-451	-452	5940	105	121	135	144	144	145	143	135	124	112
5410	-305	-130	-19	44	96	122	131	138	153	165	5950	95	82	72	53	40	27	15	6	-7	-7
5420	182	194	206	221	249	292	295	351	366	400	5960	-11	-8	-33	-44	-57	-73	-85	-96	-98	-97
5430	401	410	410	397	369	354	343	329	321	325	5970	-97	-100	-104	-104	-104	-104	-106	-111	-115	-126
5440	355	384	424	462	506	555	577	590	604	594	5980	-141	-148	-162	-176	-191	-208	-220	-222	-211	-181
5450	575	558	542	523	500	479	460	440	417	390	5990	-135	-81	0	125	218	260	282	298	308	318
5460	366	340	310	276	255	243	230	226	228	228	6000	329	337	346	355	359	362	347	347	351	359
5470	298	303	306	302	286	263	244	215	182	154	6010	362	364	362	354	339	309	288	265	235	201
5480	110	61	31	5	-9	-11	-11	-5	4	17	6020	168	159	103	76	57	48	51	63	82	102
5490	25	29	31	26	11	-3	-20	-31	-42	-51	6030	122	141	157	171	182	196	207	215	214	208
5500	-55	-55	-55	-62	-85	-114	-128	-154	-192	-224	6040	198	180	161	144	135	121	104	90	62	44
5510	-266	-306	-355	-397	-449	-491	-535	-565	-585	-593	6050	17	-11	-35	-70	-97	-125	-142	-155	-169	-184
5520	-598	-602	-615	-626	-631	-630	-618	-596	-569	-549	6060	-195	-208	-231	-239	-253	-265	-279	-291	-314	-330
5530	-534	-492	-414	-342	-269	-220	-184	-153	-115	-79	6070	-344	-359	-367	-374	-379	-382	-385	-383	-381	-377
5540	-44	-6	53	100	134	169	224	256	294	307	6080	-571	-564	-571	-564	-551	-515	-502	-478	-462	-451
5550	327	351	363	399	418	450	450	450	450	427	6090	-249	-237	-228	-224	-224	-220	-217	-210	-200	-190
5560	478	404	383	362	337	323	313	273	250	245	6100	-181	-174	-165	-153	-144	-136	-127	-116	-104	-95
5570	189	169	128	91	62	38	38	33	31	33	6110	-83	-72	-60	-54	-49	-49	-48	-42	-33	-20
5580	43	79	90	109	123	133	132	119	66	17	6120	-7	0	11	34	53	70	97	128	171	211
5590	-16	-106	-149	-187	-250	-305	-357	-390	-415	-434	6130	234	261	276	278	273	268	259	250	235	223
5600	-453	-477	-507	-542	-562	-598	-616	-640	-658	-680	6140	208	194	182	170	159	149	146	139	129	125
5610	-703	-718	-722	-719	-704	-670	-614	-549	-484	-400	6150	124	123	122	116	109	102	94	86	84	85
5620	-317	-240	-178	-131	-91	-60	-35	-9	23	58	6160	97	106	118	127	134	139	140	141	141	139
5630	94	118	140	157	161	158	151	142	131	127	6170	130	120	118	121	122	129	129	129	127	123
5640	135	152	196	219	268	326	377	408	423	458	6180	114	108	107	102	102	102	102	95	83	71
5650	428	482	487	491	492	487	481	469	462	457	6190	56	37	22	9	-14	-43	-74	-101	-125	-161
5660	477	422	407	391	360	360	336	314	300	289	6200	-155	-168	-172	-176	-180	-184	-182	-175	-169	-162
5670	275	271	271	285	299	304	315	328	342	351	6210	-161	-162	-161	-161	-162	-161	-161	-161	-161	-161
5680	561	571	563	552	536	518	507	292	280	252	6220	-216	-221	-231	-246	-258	-267	-281	-291	-301	-313
5690	224	190	146	83	45	10	-24	-48	-90	-156	6230	-319	-313	-319	-325	-333	-344	-357	-371	-383	-393
5700	-204	-234	-267	-290	-310	-321	-326	-333	-337	-328	6240	-404	-419	-426	-434	-438	-442	-448	-448	-448	-445
5710	-359	-360	-374	-389	-409	-430	-449	-471	-496	-512	6250	-423	-407	-403	-400	-399	-404	-404	-404	-406	-405
5720	-517	-522	-530	-529	-520	-497	-464	-428	-397	-365	6260	-397	-386	-363	-347	-330	-297	-250	-191	-147	-122
5730	-355	-293	-276	-255	-224	-192	-136	-122	-116	-116	6270	-99	-71	-59	-51	-40	-36	-36	-34	-25	0
5740	-116	-127	-146	-160	-177	-190	-196	-198	-192	-180	6280	114	106	94	92	111	144	156	160	151	134
5750	163	142	-118	-89	-60	-36	-11	4	0	-20	6290	174	174	174	174	174	174	174	174	174	174
5760	-46	-73	-99	-123	-140	-140	-127	-103	-77	-46	6300	179	197	199	208	213	218	227	235	239	243
5770	-18	8	37	76	111	129	138	146	160	169	6310	244	243	242	235	228	220	208	199	189	184
5780	174	181	187	202	221	237	253	269	269	263	6320	180	173	170	162	163	159	158	153	151	150
5790	257	268	240	236	230	223	226	250	274	294	6330	148	144	136	134	134	134	134	137	140	149
5800	322	347	367	387	397	401	408	408	406	406	6340	155	160	162	164	165	165	166	166	166	166
5810	406	402	391	377	366	352	340	318	296	271	6350	134	134	133	134	144	163	179	195	211	224
5820	257	247	230	203	189	170	161	155	145	134	6360	237	250	259	268	273	276	283	291	294	295
5830	116	95	77	53	14	-13	-52	-97	-129	-153	6370	295	293	284	278	277	276	278	283	291	302
5840	-162	-156	-158	-157	-155	-151	-152	-157	-163	-163	6380	312	320	332	343	348	349	347	338	325	303
5850	-171	-179	-188	-197	-210	-230	-242	-254	-268	-275	6390	285	264	240	209	182	156	134	118	104	95
5860	-277	-275	-268	-252	-219	-185	-157	-131	-121	-120	6400	91	87	83	82	82	82	82	82	82	82
5870	-130	-157	-194	-228	-263	-296	-323	-350	-351	-338	6410	82	82	81	74	68	66	56	47	41	33
5880	-313	-284	-241	-197	-157	-130	-116	-109	-108	-118	6420	21	11	4	-10	-20	-29	-34	-37	-37	-37

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1573 SOUTH)

CONTINUED (S-1573 SOUTH)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
6430	-23	-11	4	6	6	5	3	-8	-16	-16	6970	186	198	212	223	228	235	246	255	259	260	
6440	-16	-16	-11	-5	3	12	22	27	28	29	6980	260	260	260	258	250	240	240	230	220	210	203
6450	35	37	41	44	39	47	55	66	76	81	6990	197	188	187	187	183	177	173	175	175	172	164
6460	83	84	84	84	84	81	73	63	56	50	7000	154	141	127	113	104	99	93	86	86	86	86
6470	44	44	45	48	51	61	74	82	89	90	7010	83	78	76	75	69	59	53	39	26	11	26
6480	93	94	92	84	77	65	51	43	35	25	7020	0	-11	-24	-29	-30	-34	-35	-35	-32	-29	-29
6490	13	0	-8	-18	-28	-38	-48	-59	-75	-89	7030	-29	-29	-29	-29	-32	-40	-52	-62	-67	-71	-71
6500	-99	-111	-128	-145	-160	-175	-191	-207	-232	-258	7040	-75	-82	-92	-99	-106	-121	-127	-160	-139	-139	-107
6510	-254	-264	-273	-286	-295	-308	-320	-334	-344	-358	7050	-144	-144	-144	-139	-135	-132	-125	-119	-119	-107	-107
6520	-367	-386	-399	-405	-419	-424	-432	-436	-436	-436	7060	-95	-85	-74	-61	-51	-44	-40	-35	-35	-35	-35
6530	-425	-416	-404	-400	-400	-399	-399	-399	-401	-409	7070	-34	-31	-29	-16	0	10	25	42	57	72	72
6540	-423	-430	-438	-442	-446	-449	-448	-446	-445	-445	7080	90	100	111	121	127	135	143	151	162	174	214
6550	-443	-440	-440	-440	-440	-437	-435	-426	-411	-397	7090	182	193	202	206	208	208	211	214	214	214	214
6560	-381	-358	-339	-319	-297	-278	-255	-203	-177	-140	7100	217	220	221	222	222	219	213	204	196	186	186
6570	-102	-52	-27	-6	15	33	46	57	69	78	7110	175	163	161	155	146	137	131	123	111	95	95
6580	94	105	110	120	133	153	169	177	187	204	7120	71	54	42	30	17	5	-6	-15	-25	-35	-35
6590	214	220	221	218	207	193	180	167	150	137	7130	-39	-37	-35	-35	-35	-35	-35	-35	-35	-35	-35
6600	121	105	91	79	71	63	58	57	57	61	7140	-35	-46	-54	-60	-70	-74	-74	-74	-72	-72	-72
6610	68	74	80	80	80	77	75	74	73	71	7150	-64	-64	-64	-64	-64	-64	-64	-64	-64	-64	-64
6620	68	68	68	70	69	63	54	45	36	25	7160	-120	-130	-139	-148	-155	-159	-164	-170	-179	-184	-184
6630	15	8	2	-5	-6	-5	-4	-4	-2	6	7170	-193	-200	-209	-220	-233	-243	-256	-265	-269	-273	-273
6640	14	21	26	32	34	34	34	29	18	12	7180	-290	-302	-303	-304	-304	-304	-307	-312	-311	-309	-309
6650	1	-7	-18	-24	-25	-25	-25	-25	-19	-8	7190	-307	-299	-287	-275	-262	-245	-224	-199	-172	-151	-151
6660	4	17	19	31	39	48	59	60	60	60	7200	-127	-102	-73	-69	-53	-19	-4	5	21	34	34
6670	60	60	65	65	70	78	92	110	114	122	7210	43	52	67	81	93	104	120	129	134	139	139
6680	127	143	152	162	173	190	198	212	223	242	7220	142	144	144	148	153	160	166	172	178	186	186
6690	238	279	296	316	339	362	375	379	379	373	7230	201	212	222	236	247	253	253	250	248	243	243
6700	363	353	344	336	328	323	328	337	346	355	7240	238	234	229	226	227	229	231	232	232	231	231
6710	365	374	382	385	383	378	372	359	338	322	7250	221	210	199	191	183	171	159	146	140	130	130
6720	311	297	278	262	248	223	197	177	159	147	7260	121	111	101	99	94	88	83	81	80	79	79
6730	138	110	122	116	111	109	115	123	133	141	7270	73	67	66	60	54	50	45	39	27	16	16
6740	144	143	143	138	129	117	100	84	72	57	7280	5	-9	-16	-24	-31	-46	-52	-63	-76	-86	-86
6750	41	20	-4	-14	-23	-37	-46	-53	-61	-63	7290	-89	-100	-105	-105	-107	-110	-114	-115	-119	-121	-121
6760	-61	-52	-50	-51	-50	-50	-50	-50	-48	-48	7300	-123	-130	-136	-145	-155	-164	-167	-174	-190	-196	-196
6770	-94	-105	-111	-114	-124	-135	-140	-144	-150	-165	7310	-199	-202	-203	-205	-209	-215	-216	-216	-216	-216	-216
6780	-175	-183	-196	-212	-222	-230	-245	-258	-265	-278	7320	-216	-213	-206	-199	-189	-179	-172	-163	-155	-148	-148
6790	-291	-295	-298	-295	-296	-288	-278	-264	-257	-250	7330	-216	-213	-206	-199	-189	-179	-172	-163	-155	-148	-148
6800	-262	-257	-250	-227	-222	-220	-214	-209	-206	-194	7340	-138	-126	-117	-109	-103	-98	-93	-90	-86	-83	-83
6810	-184	-174	-168	-162	-157	-153	-151	-152	-156	-164	7350	-77	-70	-66	-63	-63	-63	-63	-63	-63	-63	-63
6820	-174	-182	-188	-191	-188	-191	-191	-190	-186	-184	7360	-43	-39	-36	-36	-36	-36	-36	-36	-36	-36	-36
6830	-184	-184	-184	-184	-182	-179	-174	-166	-160	-157	7370	-34	-31	-21	-12	-2	8	20	36	53	64	64
6840	-151	-148	-144	-142	-141	-139	-141	-140	-138	-137	7380	77	87	96	107	112	116	125	130	139	148	148
6850	-135	-131	-127	-127	-127	-123	-111	-99	-90	-78	7390	161	174	184	195	203	207	223	235	243	250	250
6860	-61	-44	-31	-17	-2	12	27	38	45	52	7400	255	262	269	273	279	285	286	284	272	270	270
6870	58	63	68	71	72	72	67	60	54	45	7410	258	254	254	249	245	239	232	222	213	207	207
6880	35	24	10	-2	-13	-25	-38	-49	-61	-71	7420	200	190	175	175	166	157	150	139	128	117	117
6890	-76	-77	-76	-76	-76	-76	-75	-75	-75	-75	7430	109	98	87	80	71	64	51	49	47	42	42
6900	-78	-82	-83	-83	-86	-90	-102	-105	-106	-111	7440	43	42	38	33	27	22	13	11	7	7	7
6910	-112	-121	-127	-132	-136	-140	-149	-153	-156	-166	7450	5	5	3	1	1	1	1	1	1	1	1
6920	-152	-168	-173	-183	-191	-202	-212	-219	-225	-236	7460	-10	-14	-22	-27	-31	-37	-44	-50	-59	-65	-65
6930	-76	-79	-75	-69	-70	-77	-77	-78	-77	-73	7470	-70	-77	-83	-91	-101	-109	-112	-112	-112	-115	-122
6940	-66	-59	-55	-49	-43	-58	-55	-51	-49	-8	7480	-128	-132	-140	-148	-152	-158	-167	-178	-183	-187	-187
6950	1	9	18	26	37	48	59	68	77	89	7490	-190	-191	-191	-188	-184	-177	-171	-166	-163	-159	-159
6960	101	109	117	122	131	141	148	156	166	175	7500	-158	-158	-158	-160	-166	-175	-180	-182	-182	-182	-182

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7510	-183	-181	-173	-165	-160	-159	-159	-159	-159	-159
7520	-164	-165	-162	-172	-173	-174	-176	-176	-176	-175
7530	-165	-152	-148	-140	-134	-131	-130	-125	-117	-117
7540	-109	-102	-84	-84	-76	-69	-63	-60	-54	-54
7550	-49	-45	-34	-20	-15	-11	-5	5	14	14
7560	20	29	39	32	30	31	30	28	20	20
7570	135	140	151	159	165	173	183	186	189	189
7580	194	197	198	201	204	205	207	211	213	213
7590	212	212	212	212	211	209	208	202	196	196
7600	192	186	175	167	160	155	148	139	132	125
7610	118	110	102	94	89	86	81	71	65	65
7620	59	53	49	43	36	32	27	19	8	1
7630	-3	-10	-21	-25	-26	-24	-24	-21	-18	-18
7640	-13	-10	-9	-14	-14	-21	-25	-31	-34	-35
7650	-38	-42	-42	-42	-42	-42	-39	-39	-41	-41
7660	-41	-42	-43	-47	-49	-51	-45	-48	-51	-51
7670	-53	-57	-57	-61	-63	-65	-70	-76	-77	-75
7680	-71	-71	-65	-59	-54	-47	-41	-37	-37	-16
7690	-8	1	8	14	17	25	38	47	50	57
7700	66	72	80	85	89	96	103	108	116	116
7710	123	132	139	144	153	157	157	153	148	144
7720	140	136	135	135	133	131	131	129	128	128
7730	128	126	124	123	115	114	110	101	93	86
7740	82	77	69	65	66	66	66	66	66	65
7750	65	65	63	61	53	53	51	44	34	25
7760	19	14	7	-2	-8	-16	-12	-12	-14	-21
7770	-22	-25	-31	-39	-45	-54	-65	-77	-93	-103
7780	-113	-122	-132	-140	-150	-161	-169	-170	-173	-183
7790	-183	-183	-185	-190	-193	-197	-208	-213	-219	-228
7800	-238	-244	-252	-256	-260	-258	-252	-247	-240	-240
7810	-230	-222	-217	-210	-201	-193	-183	-178	-170	-160
7820	-149	-142	-135	-127	-118	-110	-101	-92	-84	-76
7830	-68	-62	-56	-47	-34	-24	-14	-8	-1	-15
7840	-9	-1	7	11	11	12	13	15	17	17
7850	17	17	18	18	18	18	26	30	30	30
7860	30	32	40	45	46	46	46	46	50	50
7870	52	56	57	64	73	77	77	77	77	77
7880	77	77	77	77	75	66	59	53	43	39
7890	44	45	45	45	45	51	51	51	52	52
7900	52	55	55	55	54	54	54	54	46	46
7910	38	33	13	17	16	11	6	4	4	4
7920	4	4	6	14	11	11	11	14	17	21
7930	21	24	25	24	23	20	16	14	14	15
7940	20	25	28	35	40	44	48	53	58	64
7950	70	70	70	70	70	70	70	69	65	64
7960	43	32	25	19	11	4	1	1	-1	-1
7970	0	1	2	4	2	-1	-4	-9	-9	-15
7980	-20	-28	-37	-36	-37	-39	-43	-47	-48	-48
7990	-45	-44	-41	-39	-38	-32	-27	-30	-32	-32
8000	-33	-38	-42	-47	-55	-60	-64	-56	-54	-54
8010	-54	-50	-49	-49	-48	-42	-37	-39	-38	-36
8020	-32	-31	-29	-29	-29	-28	-28	-31	-32	-32
8030	-38	-44	-48	-45	-36	-23	-13	-2	11	12
8040	2	8	9	10	10	11	11	11	11	12

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8050	12	12	11	7	2	-4	-6	-4	2	10
8060	10	14	22	28	33	35	35	36	36	37
8070	37	37	36	30	20	13	10	6	0	-5
8080	-10	-16	-20	-21	-21	-21	-22	-24	-27	-27
8090	-27	-27	-27	-27	-25	-21	-19	-18	-16	-16
8100	-16	-15	-7	-5	-3	-3	-3	-3	1	3
8110	4	3	12	14	21	24	30	30	31	34
8120	39	42	42	44	49	53	59	66	71	73
8130	80	86	92	96	102	106	105	104	103	103
8140	102	102	102	102	102	102	100	96	91	85
8150	83	68	64	58	53	42	36	38	34	32
8160	31	30	30	33	40	47	50	53	55	55
8170	57	60	60	59	58	58	58	57	53	51
8180	51	51	53	59	67	75	78	81	88	97
8190	101	99	91	82	83	86	85	81	72	67
8200	64	61	58	58	58	58	58	58	58	59
8210	60	60	60	60	60	60	59	56	51	45
8220	47	54	61	67	76	84	88	93	97	99
8230	102	105	104	106	106	107	107	107	107	107
8240	107	107	107	108	111	111	112	112	107	106
8250	100	93	97	91	86	83	76	70	63	56
8260	44	38	30	24	20	20	17	20	23	23
8270	27	27	31	34	35	32	32	25	18	13
8280	6	-2	-9	-9	-11	-17	-17	-17	-16	-12
8290	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
8300	-16	-22	-23	-28	-36	-40	-43	-47	-51	-56
8310	-58	-66	-74	-79	-84	-87	-91	-91	-94	-101
8320	-109	-115	-120	-126	-130	-135	-141	-143	-146	-149
8330	-152	-157	-161	-165	-170	-176	-180	-186	-192	-194
8340	-196	-197	-199	-203	-204	-204	-204	-204	-204	-204
8350	-204	-204	-204	-204	-204	-204	-206	-207	-207	-206
8360	-198	-197	-197	-197	-197	-197	-197	-198	-201	-206
8370	-214	-217	-218	-223	-225	-227	-227	-227	-227	-227
8380	-227	-227	-227	-227	-227	-227	-227	-227	-228	-231
8390	-233	-233	-233	-233	-231	-224	-216	-216	-213	-208
8400	-199	-195	-191	-186	-182	-176	-171	-165	-161	-156
8410	-154	-148	-138	-138	-126	-111	-95	-81	-71	-54
8420	-43	-29	-13	-1	13	31	46	59	69	79
8430	89	95	102	110	115	126	135	140	148	158
8440	164	168	173	180	190	198	206	212	218	225
8450	231	234	235	237	241	247	249	249	252	252
8460	262	272	279	285	293	298	305	314	319	325
8470	327	330	334	327	327	324	320	312	310	310
8480	304	304	299	297	295	290	287	279	276	275
8490	265	255	248	245	238	230	218	210	206	201
8500	196	184	184	184	182	181	172	164	154	145
8510	131	121	109	100	81	71	68	55	41	32
8520	19	12	-1	-7	-19	-23	-27	-30	-37	-44
8530	-47	-54	-57	-64	-73	-81	-84	-85	-88	-95
8540	-99	-104	-108	-113	-118	-125	-129	-133	-137	-142
8550	-147	-145	-138	-138	-138	-138	-139	-138	-135	-135
8560	-135	-136	-137	-138	-139	-140	-140	-137	-131	-127
8570	-120	-115	-109	-109	-111	-105	-98	-92	-88	-83
8580	-75	-72	-70	-64	-56	-49	-44	-36	-29	-28

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8590	-24	-19	-15	-10	-5	-2	1	5	6	7
8600	7	7	5	7	7	7	7	5	5	5
8610	5	5	5	5	5	6	12	18	21	25
8620	24	15	14	6	-2	-10	-11	-11	-13	-18
8630	-19	-24	-29	-32	-32	-31	-32	-33	-34	-40
8640	-48	-51	-53	-53	-53	-53	-53	-53	-55	-56
8650	-57	-57	-57	-61	-61	-62	-63	-65	-66	-67
8660	-67	-67	-68	-68	-68	-68	-68	-68	-67	-67
8670	-64	-64	-64	-64	-64	-64	-64	-64	-64	-64
8680	-45	-43	-39	-35	-33	-32	-32	-32	-32	-32
8690	-32	-32	-37	-46	-50	-51	-49	-45	-42	-42
8700	-39	-34	-28	-22	-12	-6	-5	4	4	11
8710	13	16	21	27	30	34	45	50	52	55
8720	63	67	69	71	73	72	69	69	69	69
8730	54	54	54	62	59	54	57	58	58	58
8740	54	54	54	60	62	62	64	65	71	76
8750	80	80	81	81	97	97	97	97	99	105
8760	109	110	111	111	111	106	108	108	109	109
8770	109	112	118	120	122	123	123	123	123	123
8780	123	124	125	123	124	125	130	131	132	133
8790	133	134	134	134	134	134	129	120	118	117
8800	115	111	108	105	99	92	88	84	77	69
8810	60	55	55	50	45	40	36	32	28	31
8820	35	31	28	25	23	22	21	20	15	9
8830	3	-1	-3	-5	-6	-11	-14	-17	-22	-29
8840	-32	-31	-25	-23	-23	-23	-24	-27	-29	-29
8850	-29	-30	-32	-33	-35	-34	-34	-35	-35	-35
8860	-40	-40	-45	-50	-57	-58	-62	-67	-72	-82
8870	-82	-85	-84	-80	-79	-77	-76	-75	-75	-73
8880	-79	-84	-91	-104	-108	-108	-112	-114	-114	-115
8890	-114	-107	-107	-103	-97	-97	-97	-97	-96	-95
8900	-106	-106	-105	-103	-97	-97	-97	-96	-95	-95
8910	-94	-93	-93	-93	-90	-83	-83	-83	-84	-85
8920	-85	-85	-86	-86	-86	-84	-83	-81	-79	-77
8930	-76	-75	-75	-74	-69	-69	-67	-65	-65	-65
8940	-63	-61	-59	-59	-47	-44	-40	-41	-44	-44
8950	-43	-41	-39	-39	-39	-39	-39	-39	-42	-36
8960	-34	-37	-37	-34	-33	-32	-30	-27	-24	-22
8970	-15	-8	-3	3	7	13	21	29	33	34
8980	31	32	33	27	23	22	22	21	21	21
8990	8	7	7	8	9	12	16	17	17	19
9000	24	24	24	30	34	36	38	41	49	55
9010	49	51	54	53	59	65	71	76	84	92
9020	98	104	105	108	113	113	114	117	121	122
9030	122	124	126	128	132	138	141	143	144	146
9040	148	149	149	149	148	146	146	146	146	146
9050	146	147	149	149	150	149	148	147	145	141
9060	134	130	126	122	119	117	115	111	108	108
9070	105	101	98	96	94	91	89	87	87	87
9080	88	89	86	83	79	74	71	69	65	61
9090	53	43	37	33	26	22	15	6	4	4
9100	0	-3	-6	-9	-13	-19	-27	-44	-63	-65
9110	-73	-79	-84	-99	-104	-105	-132	-132	-132	-160
9120	-140	-157	-164	-166	-175	-176	-193	-198	-199	-202

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
9130	-206	-210	-218	-222	-222	-224	-224	-223	-225	-226
9140	-227	-229	-227	-226	-226	-226	-225	-223	-220	-217
9150	-212	-209	-207	-203	-200	-196	-187	-182	-175	-172
9160	-169	-166	-159	-153	-144	-138	-135	-132	-130	-125
9170	-117	-108	-98	-88	-80	-73	-70	-70	-61	-53
9180	-49	-42	-37	-27	-20	-23	-16	-10	-8	-7
9190	-6	-1	5	11	18	27	31	33	35	38
9200	42	47	48	47	47	52	57	63	66	71
9210	75	80	86	92	93	97	98	102	103	107
9220	108	108	108	109	112	112	112	117	122	125
9230	127	127	128	128	130	131	131	130	124	118
9240	115	108	106	106	106	106	104	104	101	101
9250	103	108	110	114	115	113	116	118	120	120
9260	121	121	120	118	116	111	110	106	106	104
9270	104	104	104	104	103	103	103	104	104	104
9280	103	98	94	89	88	83	79	75	69	64
9290	60	53	48	50	51	50	49	50	50	48
9300	48	51	54	53	51	50	49	45	40	33
9310	23	11	4	-2	-10	-19	-23	-23	-23	-23
9320	-23	-22	-22	-22	-22	-22	-24	-30	-32	-32
9330	-34	-38	-39	-41	-44	-47	-50	-53	-57	-60
9340	-61	-61	-60	-58	-58	-58	-57	-57	-55	-54
9350	-52	-50	-47	-47	-47	-48	-48	-50	-54	-54
9360	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48
9370	-44	-39	-30	-30	-30	-30	-24	-24	-24	-27
9380	-34	-34	-34	-34	-31	-24	-19	-16	-8	-1
9390	-3	-3	-1	3	4	4	4	5	5	5
9400	5	5	5	8	17	24	25	34	38	41
9410	50	52	53	57	61	63	65	70	70	72
9420	72	72	73	74	74	75	75	75	75	75
9430	75	75	75	74	72	67	63	61	56	47
9440	38	32	24	21	20	13	9	8	5	4
9450	4	4	2	-1	-3	-3	-5	-8	-9	-9
9460	-10	-12	-12	-19	-21	-24	-27	-36	-41	-43
9470	-83	-84	-84	-84	-84	-84	-84	-84	-84	-84
9480	-92	-99	-101	-107	-109	-117	-118	-119	-123	-123
9490	-124	-127	-132	-141	-149	-153	-160	-160	-160	-160
9500	-164	-164	-164	-164	-164	-164	-164	-164	-164	-164
9510	-167	-168	-168	-169	-170	-171	-170	-167	-165	-162
9520	-158	-155	-143	-140	-135	-133	-130	-126	-120	-120
9530	-115	-108	-102	-98	-91	-86	-84	-84	-84	-81
9540	-76	-68	-60	-55	-54	-54	-50	-44	-38	-31
9550	-26	-21	-15	-11	-11	6	11	17	19	26
9560	34	39	43	41	44	49	52	56	60	62
9570	62	62	65	70	75	78	81	87	87	92
9580	95	96	98	99	103	108	110	111	112	113
9590	114	114	114	117	117	117	117	117	117	117
9600	115	117	119	120	121	121	121	121	121	121
9610	135	135	136	136	135	132	129	126	125	124
9620	121	121	121	121	121	121	121	121	121	121
9630	121	117	113	112	110	105	99	96	91	85
9640	81	81	76	68	61	59	57	53	48	46
9650	44	39	39	34	28	21	18	16	13	8
9660	5	2	0	-4	-9	-14	-17	-19	-22	-26

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO. (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
9670	-33	-62	-52	-56	-62	-69	-71	-71	-71
9680	-71	-72	-75	-75	-75	-76	-79	-80	-80
9690	-80	-81	-80	-78	-76	-76	-78	-80	-80
9700	-84	-87	-91	-96	-98	-100	-108	-115	-115
9710	-113	-112	-113	-113	-113	-112	-108	-103	-101
9720	-97	-95	-96	-96	-94	-91	-90	-90	-90
9730	-90	-88	-86	-86	-86	-85	-81	-80	-80
9740	-60	-77	-77	-77	-76	-74	-72	-68	-67
9750	-62	-62	-53	-52	-46	-46	-46	-44	-44
9760	-40	-42	-42	-39	-33	-27	-24	-18	-18
9770	-13	-13	-13	-14	-15	-16	-18	-20	-20
9780	-25	-17	-16	-12	-8	-8	-8	-4	-4
9790	-3	-4	-8	-8	-8	-8	-8	-7	-7
9800	-10	-12	-13	-14	-14	-13	-13	-13	-13
9810	-13	-12	-9	-7	-4	2	4	11	13
9820	11	8	7	8	7	8	8	11	16
9830	18	23	22	32	37	32	34	37	37
9840	36	36	36	37	38	36	35	37	38
9850	42	39	38	41	41	41	43	44	46
9860	51	48	48	51	55	57	53	53	62
9870	57	60	62	62	57	55	54	56	57
9880	58	57	57	57	58	58	57	54	52
9890	60	61	62	62	63	63	63	63	63
9900	63	63	62	59	59	58	56	53	51
9910	44	42	40	39	37	34	32	31	29
9920	29	27	25	25	25	21	13	9	9
9930	9	8	6	3	-4	-4	-5	-8	-10
9940	-16	-17	-16	-16	-16	-17	-18	-20	-22
9950	-23	-24	-25	-28	-30	-32	-33	-35	-34
9960	-35	-35	-35	-35	-35	-31	-24	-22	-21
9970	-20	-16	-13	-15	-15	-15	-15	-13	-11
9980	-11	-10	-8	-6	-9	-7	-3	-3	-2
9990	-2	0	0	2	5	7	9	9	11
10000	13	15	17	20	22	24	26	30	32
10010	32	36	38	37	37	39	43	46	46
10020	56	59	59	58	56	54	55	57	58
10030	58	59	60	60	60	60	60	60	60
10040	61	62	62	61	60	59	58	55	51
10050	48	44	41	34	32	32	30	31	29
10060	24	20	18	18	16	12	10	7	2
10070	0	-4	-4	-4	-4	-14	-16	-17	-11
10080	-20	-22	-26	-27	-31	-34	-35	-36	-41
10090	-46	-48	-53	-57	-59	-60	-60	-63	-66
10100	-73	-76	-76	-83	-80	-83	-85	-86	-86
10110	-89	-94	-95	-96	-96	-96	-96	-97	-100
10120	-100	-98	-96	-93	-90	-86	-83	-84	-81
10130	-76	-72	-67	-66	-62	-59	-52	-44	-36
10140	-35	-35	-34	-30	-21	-20	-15	-11	-8
10150	-6	2	2	6	6	7	9	11	13
10160	22	21	22	23	23	22	23	25	26
10170	26	27	27	27	28	31	35	33	32
10180	31	33	35	36	38	39	41	42	44
10190	46	51	50	48	48	48	48	48	48
10200	49	55	56	57	57	57	57	58	53

TO BE CONTINUED

CONTINUED(S-1573 SOUTH)

NO. (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
10210	58	58	58	58	57	55	51	48	41
10220	41	41	41	41	41	41	41	41	41
10230	26	24	19	19	32	32	31	31	29
10240	4	2	0	0	13	13	12	8	6
10250	-13	-14	-17	-18	-3	-3	-10	-11	-13
10260	-22	-22	-21	-21	-21	-22	-22	-22	-22
10270	-23	-23	-23	-23	-23	-23	-23	-23	-23
10280	-23	-23	-23	-23	-20	-18	-16	-18	-18
10290	-18	-18	-18	-18	-17	-16	-15	-14	-14
10300	-14	-14	-14	-14	-13	-11	-7	-6	-5
10310	-3	-3	-2	-2	-2	-2	-2	-2	-2
10320	-2	-1	-1	-1	3	4	8	10	9
10330	9	7	1	1	-5	-5	-5	-7	-7
10340	-12	-12	-10	-10	-10	-10	-16	-16	-17
10350	-20	-20	-20	-20	-24	-24	-24	-25	-25
10360	-23	-23	-23	-23	-32	-34	-36	-36	-34
10370	-35	-36	-38	-40	-41	-41	-42	-44	-45
10380	-47	-52	-58	-59	-60	-60	-60	-61	-64
10390	-65	-68	-68	-68	-67	-64	-63	-62	-60
10400	-60	-60	-60	-60	-60	-60	-60	-60	-61
10410	-59	-56	-54	-54	-53	-51	-48	-45	-43
10420	-41	-37	-32	-27	-22	-18	-15	-13	-9
10430	7	11	13	18	20	21	27	32	33
10440	36	39	42	48	57	60	64	68	71
10450	84	91	93	95	96	99	100	101	101
10460	106	109	111	119	122	122	122	124	125
10470	132	136	139	142	162	163	168	163	154
10480	159	160	165	166	168	171	171	173	180
10490	180	181	185	189	190	190	190	190	190
10500	190	190	190	190	190	190	190	190	190
10510	181	178	175	173	172	172	169	163	164
10520	166	165	163	163	163	163	157	148	141
10530	140	138	137	135	132	130	118	108	106
10540	106	105	91	77	71	68	67	58	54
10550	32	32	30	23	20	13	-3	-12	-19
10560	-34	-44	-49	-58	-70	-75	-81	-85	-94
10570	-105	-124	-129	-156	-142	-148	-154	-154	-159
10580	-179	-176	-179	-189	-189	-199	-209	-212	-218
10590	-230	-233	-235	-228	-233	-235	-243	-246	-248
10600	-247	-250	-251	-253	-254	-256	-256	-257	-258
10610	-258	-258	-258	-258	-258	-259	-259	-259	-259
10620	-260	-259	-259	-259	-259	-259	-259	-259	-259
10630	-235	-235	-235	-235	-235	-235	-235	-235	-235
10640	-206	-204	-197	-188	-184	-181	-178	-167	-147
10650	-141	-138	-134	-134	-129	-120	-112	-102	-95
10660	-80	-78	-72	-64	-57	-46	-38	-41	-39
10670	-26	-16	-16	-14	-9	-5	-2	4	14
10680	19	23	24	25	27	30	30	36	39
10690	39	40	41	42	43	43	44	44	44
10700	44	44	44	44	43	40	30	30	28
10710	26	23	20	16	13	12	10	10	5
10720	5	5	5	5	7	9	9	10	10
10730	8	8	6	3	2	-5	-6	-6	-6
10740	-8	-9	-9	-4	-4	-4	-4	-5	-5

TO BE CONTINUED

CONTINUED (S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
10750	-5	-5	-5	-5	-5	-5	-5	-5	-4	-2
10760	0	0	-3	0	2	2	2	3	5	8
10770	10	12	12	12	14	13	13	16	21	23
10780	27	32	35	36	36	36	37	39	40	39
10790	40	42	47	50	50	49	48	49	49	49
10800	48	55	59	61	64	66	67	67	72	72
10810	77	80	82	86	86	87	92	94	96	97
10820	96	95	95	100	102	104	105	105	105	107
10830	103	105	110	112	114	115	117	117	117	117
10840	117	117	117	117	117	117	115	115	115	113
10850	111	108	106	105	101	99	99	100	100	100
10860	100	100	100	100	100	100	100	100	100	100
10870	100	100	100	100	100	101	102	103	103	104
10880	104	105	105	106	108	111	115	116	117	117
10890	119	122	123	123	125	129	132	132	132	132
10900	133	134	135	135	140	144	144	144	144	144
10910	143	142	141	139	138	138	138	138	138	138
10920	138	136	135	134	134	134	134	134	134	130
10930	128	127	125	118	117	117	115	109	104	104
10940	99	97	97	87	83	80	74	70	65	64
10950	59	53	46	47	29	23	17	12	5	8
10960	-9	-21	-15	-15	-15	-24	-24	-24	-31	-39
10970	-30	-35	-68	-73	-77	-95	-104	-106	-108	-107
10980	-109	-117	-127	-131	-137	-140	-140	-145	-153	-157
10990	-167	-170	-170	-171	-175	-179	-181	-181	-182	-183
11000	-181	-178	-180	-181	-184	-185	-186	-187	-189	-191
11010	-192	-192	-192	-193	-193	-193	-193	-194	-195	-194
11020	-190	-186	-186	-185	-182	-180	-180	-178	-176	-174
11030	-172	-169	-165	-161	-159	-157	-155	-154	-155	-155
11040	-155	-154	-150	-147	-140	-133	-126	-121	-124	-125
11050	-124	-124	-124	-121	-119	-118	-117	-116	-114	-112
11060	-112	-111	-110	-108	-104	-103	-98	-95	-91	-87
11070	-86	-84	-83	-83	-79	-75	-64	-64	-64	-64
11080	-64	-51	-47	-45	-43	-43	-42	-39	-38	-37
11090	-24	-21	-9	-7	-4	1	6	8	10	13
11100	16	17	24	25	26	27	29	33	38	41
11110	42	42	42	42	42	43	41	45	53	56
11120	60	64	65	66	67	68	71	71	72	74
11130	75	78	79	80	82	84	85	85	85	89
11140	92	98	104	110	114	104	104	104	103	105
11150	102	102	106	110	111	112	112	112	112	105
11160	103	103	103	98	93	89	88	88	88	84
11170	81	79	76	75	72	65	63	63	63	63
11180	63	58	57	53	48	42	41	41	40	38
11190	35	27	26	26	25	24	23	22	21	21
11200	21	21	14	14	14	14	14	14	14	13
11210	15	13	13	13	13	8	5	0	0	0
11220	0	0	-4	-4	-4	-4	-5	-12	-12	-13
11230	-15	-16	-20	-24	-29	-30	-30	-31	-32	-33
11240	-35	-39	-42	-45	-47	-47	-48	-49	-49	-49
11250	-69	-69	-68	-48	-48	-43	-38	-38	-38	-37
11260	-36	-35	-32	-27	-20	-17	-18	-20	-19	-19
11270	-18	-11	-3	0	4	9	13	12	10	11
11280	21	26	23	21	21	20	20	20	20	20

TO BE CONTINUED

CONTINUED (S-1573 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
11290	30	25	29	32	33	35	35	36	37	37
11300	37	39	40	37	38	43	44	47	53	54
11310	55	55	60	64	65	65	69	71	72	72
11320	72	69	69	66	61	61	61	61	61	61
11330	61	61	61	62	62	61	59	58	58	56
11340	54	53	42	46	47	47	46	42	39	39
11350	59	59	58	58	57	57	57	56	51	58
11360	27	27	26	19	14	13	13	13	13	13
11370	13	12	12	10	2	-3	-3	-3	-3	-3
11380	-5	-7	-10	-15	-16	-21	-26	-28	-31	-33
11390	-34	-35	-33	-44	-48	-50	-53	-55	-57	-64
11400	-70	-75	-80	-82	-81	-80	-80	-82	-83	-84
11410	-85	-85	-85	-85	-88	-90	-94	-96	-96	-96
11420	-102	-105	-108	-107	-109	-109	-107	-107	-107	-107
11430	-107	-108	-109	-109	-109	-109	-109	-107	-107	-106
11440	-106	-106	-106	-106	-106	-106	-106	-95	-95	-95
11450	-83	-81	-81	-80	-80	-80	-72	-68	-65	-68
11460	-50	-49	-49	-48	-45	-31	-30	-30	-30	-30
11470	-30	-29	-18	-9	0	0	2	19	28	29
11480	30	34	36	36	32	35	38	41	39	41
11490	59	68	75	77	77	78	79	78	77	80
11500	84	86	90	92	92	92	93	93	94	95
11510	98	102	102	104	105	105	105	105	106	107
11520	107	108	110	110	110	110	107	105	103	100
11530	99	99	99	95	94	94	93	91	88	83
11540	82	80	79	78	78	77	66	53	47	51
11550	52	52	46	42	39	38	28	25	25	22
11560	20	19	14	6	4	4	4	3	-5	-11
11570	-15	-23	-27	-31	-32	-32	-34	-34	-34	-40
11580	-40	-40	-40	-41	-46	-46	-53	-61	-66	-66
11590	-66	-66	-67	-71	-72	-73	-75	-75	-75	-75
11600	-77	-82	-84	-84	-84	-84	-84	-84	-84	-84
11610	-84	-80	-78	-87	-85	-84	-84	-84	-84	-84
11620	-84	-84	-84	-84	-82	-78	-78	-76	-74	-73
11630	-73	-72	-72	-72	-72	-72	-71	-69	-68	-67
11640	-67	-67	-67	-67	-67	-67	-67	-66	-65	-63
11650	-61	-58	-53	-51	-51	-51	-50	-49	-48	-46
11660	-45	-45	-45	-45	-42	-41	-39	-34	-32	-32
11670	-32	-32	-32	-31	-31	-31	-29	-27	-14	-10
11680	-6	-7	-8	-8	-8	-8	1	7	11	11
11690	11	11	11	11	11	14	16	21	21	21
11700	21	21	11	11	14	14	17	17	17	18
11710	18	18	18	18	18	18	18	18	19	20
11720	20	20	21	21	21	21	21	22	28	32
11730	34	35	36	36	38	38	38	37	37	37
11740	37	37	37	37	37	37	37	37	38	38
11750	36	36	35	34	33	33	31	32	31	29
11760	27	27	27	29	32	33	33	33	33	33
11770	32	32	33	33	33	33	33	36	36	36
11780	36	36	36	36	33	33	33	33	39	41
11790	40	40	40	42	44	48	49	49	50	51
11800	51	51	51	51	51	51	51	51	51	51
11810	51	51	51	51	51	50	50	50	50	50
11820	50	50	50	50	48	48	48	48	48	48

TO BE CONTINUED

CONTINUED (S-1573 SOUTH)
 RECORD = S-1573 COMPONENT = EAST STATION = AOMORI-S
 DATE AND TIME = 1983-05-26-12-00 TOTAL NUMBER OF DATA = 12030
 SAMPLING INTERVAL = 0.010 (SEC) SIGNAL = GR. ACC. SCAL = 0.10000
 CONNECTION POINT IN DATA NUMBER = 3031, 5998, 8969, 11938

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
11830	43	48	48	48	43	43	76	30	23	22
11840	21	16	14	14	14	14	14	14	15	11
11850	9	7	7	6	6	6	5	2	0	-2
11860	-11	-17	-20	-22	-17	-17	-17	-19	-23	-28
11870	-35	-39	-39	-39	-40	-43	-46	-51	-53	-56
11880	-61	-63	-63	-61	-65	-69	-70	-72	-74	-72
11890	-71	-71	-80	-88	-88	-86	-83	-83	-82	-80
11900	-79	-79	-76	-69	-69	-74	-75	-75	-71	-73
11910	-69	-66	-64	-64	-63	-62	-58	-58	-56	-55
11920	-34	-61	-62	-61	-59	-57	-57	-49	-46	-47
11930	-51	-54	-56	-54	-52	-51	-51	-50	-49	-47
11940	-45	-44	-44	-44	-44	-43	-41	-40	-40	-40
11950	-39	-36	-35	-35	-34	-26	-24	-25	-24	-12
11960	-12	-8	-2	-2	0	0	0	-1	1	5
11970	9	12	16	18	22	22	22	23	28	28
11980	30	33	37	37	37	39	41	43	48	52
11990	54	58	63	63	68	67	72	75	78	80

END

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	17	16	15	15	14	13	13	13	12	11
10	9	8	7	7	8	8	9	9	9	9
20	9	9	8	7	6	5	4	3	2	1
30	0	0	-1	-4	-9	-13	-11	-9	-6	-3
40	0	5	10	7	3	0	-2	-7	-13	-17
50	-20	-23	-26	-21	-16	-12	-8	-4	1	0
60	0	2	2	1	0	-1	-2	0	1	3
70	5	7	5	5	3	0	-3	-5	-9	-12
80	-15	-15	-16	-17	-17	-17	-16	-16	-16	-14
90	-13	-12	-12	-14	-15	-16	-17	-17	-14	-12
100	-10	-7	-6	-6	-2	-4	-8	-9	-7	-6
110	-6	-7	-10	-12	-12	-11	-8	-3	2	4
120	1	-2	-8	-13	-17	-22	-23	-24	-23	-22
130	-17	-12	-8	-5	-2	4	6	7	8	8
140	9	10	7	0	-3	-3	0	3	3	3
150	8	9	9	8	4	0	-4	-6	-11	-10
160	-11	-16	-22	-25	-26	-26	-25	-28	-31	-28
170	-31	-23	-27	-27	-27	-28	-30	-32	-32	-28
180	-27	-27	-27	-28	-28	-25	-21	-21	-20	-18
190	-20	-21	-24	-25	-29	-32	-41	-40	-33	-29
200	-26	-23	-18	-12	-5	-5	-6	-8	-13	-17
210	-24	-31	-37	-44	-47	-45	-38	-35	-36	-4
220	-58	-37	-35	-28	-21	-17	-10	-3	0	4
230	8	10	11	10	10	4	-3	-4	-3	-3
240	-5	-9	-13	-19	-25	-27	-25	-22	-22	-22
250	-20	-13	-17	-19	-20	-18	-10	-4	4	11
260	10	5	-1	-9	-14	-21	-23	-28	-30	-33
270	-33	-26	-21	-18	-19	-25	-31	-37	-44	-40
280	-35	-29	-19	-7	0	12	24	29	30	31
290	31	28	29	34	40	47	53	59	64	64
300	64	65	68	69	69	69	69	69	69	67
310	63	63	62	61	58	55	49	44	37	34
320	32	25	22	18	17	13	9	12	9	8
330	3	-1	-7	-15	-18	-24	-21	-15	-11	-11
340	-17	-26	-37	-42	-36	-27	-19	-13	-7	-5
350	-5	-6	-10	-17	-24	-28	-34	-46	-50	-53
360	-53	-51	-45	-38	-34	-33	-35	-37	-36	-34
370	-50	-22	-14	-7	-4	-8	-13	-17	-19	-20
380	-20	-19	-18	-12	-5	4	13	18	20	14
390	1	-16	-33	-48	-60	-69	-81	-87	-87	-81
400	-78	-72	-65	-58	-56	-55	-52	-42	-39	-33
410	-28	-23	-20	-27	-33	-38	-45	-53	-59	-66
420	-70	-68	-64	-53	-47	-38	-25	-13	-2	2
430	10	8	0	-8	-9	-9	-6	-3	-1	1
440	5	11	11	8	1	0	1	7	15	25
450	39	37	34	29	25	22	26	26	24	24
460	23	22	21	17	10	10	8	7	5	2
470	1	1	-4	-12	-22	-26	-19	-6	2	6
480	5	-3	-13	-23	-31	-27	-10	3	10	25

TO BE CONTINUED

CONTINUED (S-1573 EAST)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	44	58	65	70	73	67	57	44	38	36
500	38	44	51	61	66	61	53	50	51	60
510	78	80	82	80	79	71	62	57	50	44
520	41	36	30	25	16	14	11	7	0	-4
530	-11	-19	-20	-17	-13	-8	0	1	1	-1
540	-10	-20	-36	-40	-64	-81	-99	-111	-115	-120
550	-119	-116	-106	-98	-91	-87	-84	-82	-75	-69
560	-61	-56	-53	-53	-58	-66	-68	-76	-85	-96
570	-104	-114	-122	-139	-133	-132	-127	-120	-110	-110
580	-99	-86	-71	-59	-48	-37	-26	-19	-8	4
590	14	24	32	27	20	16	10	6	1	-8
600	-4	5	14	30	47	50	53	64	77	91
610	106	114	120	116	103	93	80	66	49	37
620	37	37	37	37	-13	-10	-1	9	19	29
630	35	30	17	-2	-19	-35	-41	-38	-22	-26
640	-25	-32	-38	-43	-52	-55	-54	-60	-62	-66
650	-35	-48	-39	-27	-17	-11	-11	-23	-37	-51
660	-62	-69	-60	-37	-20	4	27	71	102	125
670	136	132	120	112	105	96	96	100	114	129
680	141	159	167	172	173	172	160	147	139	117
690	103	49	38	35	45	62	76	81	91	84
700	71	64	46	32	17	12	13	18	16	10
710	-1	-15	-20	-21	-23	-18	-9	5	12	33
720	48	62	70	67	56	45	34	21	18	8
730	6	9	11	3	-8	-21	-34	-46	-55	-67
740	-81	-91	-95	-84	-68	-52	-30	-11	7	36
750	71	97	110	111	98	76	63	46	32	21
760	15	11	10	9	14	19	17	17	14	2
770	-19	-38	-90	-125	-136	-127	-98	-56	-25	12
780	49	64	57	51	-11	-40	-58	-56	-52	-20
790	5	22	57	80	98	109	111	106	83	61
800	47	22	5	6	9	8	19	13	12	4
810	-9	-31	-53	-79	-81	-78	-65	-42	-22	-2
820	11	30	43	34	25	7	-6	-19	-31	-27
830	-16	-13	-1	10	15	15	14	5	-5	-9
840	-22	-33	-37	-42	-45	-45	-41	-37	-38	-37
850	-35	-33	-36	-42	-52	-59	-53	-37	-18	-1
860	12	25	28	17	7	0	-1	9	24	36
870	52	63	68	63	43	27	-7	-39	-58	-71
880	-73	-69	-56	-44	-31	-21	-8	4	12	27
890	35	37	33	21	10	-1	-1	-23	-13	0
900	7	17	30	46	65	85	98	111	113	110
910	100	88	72	47	21	-16	-31	-67	-73	-69
920	-56	-44	-2	-13	-5	15	22	31	25	26
930	13	5	-6	-17	-28	-23	-8	4	21	25
940	41	48	47	33	27	23	19	18	15	13
950	11	9	9	7	5	3	2	2	3	6
960	5	2	-4	-11	-16	-20	-25	-29	-22	-4
970	18	37	59	78	84	80	64	32	-2	-32
980	-43	-37	-20	0	19	33	34	30	0	12
990	-17	-15	-7	4	14	25	33	37	37	33
1000	31	26	28	38	50	64	80	90	93	87
1010	66	42	21	-6	-27	-64	-57	-62	-66	-67
1020	-65	-59	-48	-40	-33	-22	-10	0	8	7

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1573 EAST)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1570	-111	-123	-134	-145	-158	-169	-175	-177	-174	-162
1580	-152	-151	-153	-153	-153	-147	-147	-130	-108	-112
1590	-64	-33	-1	17	30	47	60	80	97	110
1600	116	121	136	161	184	212	234	272	318	374
1610	435	463	495	524	538	541	538	534	525	507
1620	482	436	390	353	319	295	286	282	277	273
1630	271	261	248	228	193	144	91	36	-22	-98
1640	-193	-282	-368	-488	-520	-568	-590	-588	-570	-555
1650	-540	-517	-498	-459	-435	-420	-421	-417	-413	-414
1660	-415	-415	-416	-414	-389	-375	-372	-353	-322	-303
1670	-271	-258	-205	-180	-155	-124	-94	-68	-40	-10
1680	34	68	109	163	235	261	299	297	291	256
1690	205	158	148	162	196	228	249	282	289	268
1700	224	128	-79	-225	-266	-243	-209	-184	-140	-92
1710	6	20	29	29	29	23	4	-17	-34	-53
1720	-172	-190	-115	-128	-140	-147	-155	-170	-182	-191
1730	-200	-212	-224	-239	-244	-246	-245	-241	-240	-229
1740	-203	-179	-158	-150	-118	-84	-43	18	95	138
1750	179	258	313	359	405	428	431	432	378	314
1760	243	199	195	221	257	294	361	387	417	438
1770	432	472	470	452	425	387	335	267	-98	-200
1780	-223	-218	-201	-175	-143	-127	-94	-40	26	93
1790	170	234	314	381	443	510	567	612	648	651
1800	631	586	554	447	341	306	290	279	264	251
1810	229	166	78	9	-49	-84	-51	-29	-23	-23
1820	-30	-63	-100	-147	-207	-269	-343	-427	-468	-476
1830	-469	-447	-422	-399	-379	-368	-362	-420	-445	-460
1840	-474	-478	-455	-428	-403	-380	-355	-325	-297	-286
1850	-304	-318	-325	-315	-282	-259	-221	-178	-133	-88
1860	-49	-14	17	50	81	93	58	0	-96	-181
1870	-219	-218	-202	-164	-116	-58	-21	10	56	101
1880	163	213	254	301	343	373	399	430	463	480
1890	479	464	440	379	327	299	294	305	326	347
1900	381	409	409	405	397	387	380	373	368	362
1910	353	343	322	306	291	280	258	222	232	256
1920	300	338	386	418	416	378	278	193	171	145
1930	114	90	49	9	-23	-84	-98	-134	-165	-182
1940	-195	-210	-234	-266	-311	-402	-548	-603	-650	-660
1950	-633	-579	-522	-461	-420	-398	-394	-442	-508	-565
1960	-644	-625	-642	-608	-562	-501	-436	-368	-301	-244
1970	-201	-203	-196	-205	-236	-278	-325	-356	-380	-405
1980	-431	-452	-470	-455	-418	-396	-351	-292	-233	-173
1990	-105	-106	-117	117	151	181	207	225	228	228
2000	150	150	82	25	-75	-153	-175	-178	-160	-110
2010	-35	2	37	75	112	144	184	198	209	230
2020	252	279	296	327	362	387	415	431	425	396
2030	342	344	330	309	296	274	258	245	238	242
2040	291	324	369	450	490	540	595	657	688	697
2050	843	594	523	273	161	123	80	128	150	139
2060	168	176	164	147	137	131	129	128	114	113
2070	102	85	70	56	50	45	40	33	15	-14
2080	-52	-97	-143	-253	-308	-361	-383	-365	-315	-250
2090	-205	-149	-87	-25	16	45	59	41	-5	-65
2100	-126	-170	-201	-217	-224	-230	-234	-224	-222	-220

CONTINUED(S-1573 EAST)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2110	-221	-232	-258	-279	-309	-356	-428	-484	-527	-537
2120	-518	-463	-402	-323	-243	-167	-96	-22	18	27
2130	-10	-96	-191	-448	-507	-567	-601	-617	-614	-560
2140	-536	-482	-417	-361	-291	-218	-142	-58	28	105
2150	185	219	213	160	51	-64	-120	-141	-109	-34
2160	34	105	132	244	310	375	424	462	484	426
2170	540	570	588	601	598	596	594	535	502	468
2180	446	416	423	452	492	512	534	555	563	563
2190	350	340	309	376	432	412	371	332	282	221
2200	154	88	89	133	189	229	274	334	400	469
2210	551	624	682	721	745	759	759	743	696	628
2220	552	385	100	-51	-164	-170	-143	-110	-78	-38
2230	-8	9	0	-33	-79	-136	-168	-196	-285	-349
2240	-359	-346	-319	-281	-236	-191	-151	-127	-112	-111
2250	-136	-183	-236	-290	-323	-358	-405	-497	-575	-608
2260	-642	-666	-684	-697	-706	-728	-741	-751	-749	-726
2270	-682	-623	-572	-479	-361	-263	-200	-169	-132	-87
2280	-67	-60	-48	-34	-21	-10	-14	-24	-36	-41
2290	-37	-30	-10	16	40	92	159	237	308	389
2300	452	506	565	596	597	583	519	415	282	-47
2310	-169	-235	-256	-214	-188	-151	-117	-84	-54	-37
2320	-42	-57	-71	-89	-103	-113	-120	-121	-115	-102
2330	-85	-77	-66	-65	-71	-81	-102	-112	-123	-120
2340	-98	-74	-55	-2	57	125	191	241	266	277
2350	240	156	75	-2	-90	-109	-108	-91	-47	-19
2360	11	45	88	140	210	297	368	421	477	520
2370	555	537	521	469	385	285	206	185	197	203
2380	172	121	64	25	-56	-119	-178	-233	-240	-281
2390	307	326	343	356	369	357	304	240	177	112
2400	-45	-15	1	4	23	-50	-75	-96	-114	-125
2410	-115	-81	-35	0	54	123	212	309	373	450
2420	504	566	643	509	421	224	-83	-330	-369	-356
2430	301	281	202	-741	-135	-103	-97	-60	-58	-82
2440	-122	-273	-619	-772	-830	-841	-821	-796	-737	-715
2450	-671	-628	-588	-555	-515	-490	-487	-487	-486	-459
2460	-436	-408	-376	-333	-275	-210	-132	-50	28	97
2470	154	204	241	261	272	276	278	279	275	264
2480	251	243	248	274	319	388	460	515	566	619
2490	688	737	814	857	890	915	934	943	946	928
2500	878	913	963	983	992	94	86	121	182	246
2510	298	352	386	391	359	318	269	152	49	26
2520	15	17	19	17	16	19	52	101	171	221
2530	338	398	448	518	530	494	387	244	162	-39
2540	-166	-204	-235	-223	-197	-149	-145	-127	-121	-151
2550	-194	-331	-392	-497	-575	-632	-597	-475	-522	-450
2560	-405	-359	-308	-209	-194	-222	-217	-254	-463	-522
2570	-373	-612	-623	-621	-607	-593	-579	-548	-528	-520
2580	-507	-466	-463	-448	-430	-413	-399	-381	-353	-309
2590	-260	-232	-194	-138	-87	-43	-1	28	26	0
2600	-26	-47	-48	-36	-5	31	74	123	175	216
2610	268	333	394	437	467	498	513	522	548	564
2620	572	590	610	633	654	673	686	699	717	732
2630	622	647	683	723	763	803	822	847	873	893
2640	154	151	153	157	169	185	211	231	236	237

CONTINUED(S-1573 EAST)										CONTINUED(S-1573 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2650	235	217	198	186	159	153	162	185	205	229	3190	21	46	57	47	31	12	-2	-10	-4	12
2660	261	279	284	258	227	171	139	97	69	46	3200	40	81	126	166	199	229	249	261	265	265
2670	13	-19	-50	-123	-193	-241	-289	-342	-377	-410	3210	263	233	236	232	230	232	233	233	233	272
2680	-442	-419	-391	-368	-344	-325	-311	-305	-301	-300	3220	283	298	318	344	368	392	431	481	530	581
2690	-304	-309	-309	-291	-260	-231	-206	-186	-169	-158	3230	638	689	730	771	792	804	805	801	795	795
2700	-154	-153	-155	-146	-145	-146	-145	-145	-145	-145	3240	812	832	847	864	881	904	924	937	940	932
2710	-280	-317	-348	-361	-349	-331	-313	-296	-287	-287	3250	923	912	899	886	877	863	851	840	832	821
2720	-282	-283	-299	-327	-346	-359	-372	-377	-376	-372	3260	802	783	759	700	669	622	576	515	425	425
2730	-345	-348	-333	-308	-271	-239	-211	-163	-116	-86	3270	323	280	277	259	232	199	174	115	62	10
2740	-37	63	110	151	200	220	220	189	153	124	3280	-45	-38	-43	-64	-63	-75	-84	-83	-77	-61
2750	111	97	78	68	40	17	-12	-65	-113	-143	3290	-23	-26	-10	2	12	13	6	-6	-18	-11
2760	-182	-241	-252	-266	-284	-296	-306	-312	-322	-322	3300	2	16	39	65	76	71	58	36	10	-28
2770	-354	-311	-270	-230	-200	-172	-131	-81	-40	-9	3310	-68	-103	-124	-128	-126	-115	-93	-67	-41	-10
2780	15	26	37	38	40	50	62	74	80	72	3320	25	53	64	59	36	4	-55	-119	-171	-186
2790	51	28	11	-1	3	30	54	80	108	123	3330	195	187	168	-137	-121	-103	-82	-64	-47	-37
2800	124	85	58	48	34	25	39	81	140	140	3340	-29	-18	-1	10	29	43	57	79	101	109
2810	212	255	328	373	399	420	422	396	364	342	3350	106	116	131	150	168	183	197	208	213	204
2820	2830	333	341	360	378	395	410	421	423	423	3360	188	165	143	99	37	-28	-136	-269	-336	-365
2830	429	446	468	490	512	532	546	559	563	567	3370	-375	-395	-430	-462	-479	-490	-488	-471	-447	-422
2840	569	569	567	563	550	528	504	464	398	286	3380	-397	-358	-292	-231	-147	-72	-7	22	53	9
2850	170	-31	-146	-210	-237	-245	-254	-263	-271	-281	3390	-113	-628	-577	-660	-719	-736	-723	-695	-670	-645
2860	-295	-307	-319	-332	-336	-335	-310	-301	-299	-299	3400	-581	-520	-441	-400	-334	-264	-190	-126	-82	-64
2870	-307	-319	-330	-334	-323	-300	-272	-238	-198	-146	3410	-66	-72	-72	-82	-41	-15	13	52	98	155
2880	-78	-8	23	66	94	87	53	8	-72	-189	3420	196	263	323	370	403	446	430	420	401	385
2890	-231	-280	-314	-333	-340	-344	-316	-293	-267	-228	3430	365	341	327	330	336	346	360	364	346	323
2900	-196	-173	-150	-130	-119	-112	-109	-109	-111	-110	3440	292	252	154	37	-60	-128	-139	-156	-122	-89
2910	-102	-81	-46	-21	-8	18	53	99	123	128	3450	-61	-34	30	76	111	157	192	209	215	208
2920	112	85	33	-43	-92	-109	-112	-94	-68	-48	3460	185	157	134	120	125	159	190	212	244	280
2930	-18	21	56	91	118	137	144	142	137	134	3470	344	403	460	512	544	551	531	478	415	309
2940	134	134	132	121	101	67	14	-45	-100	-129	3480	159	46	-70	-106	-107	-90	-61	-30	17	73
2950	-138	-147	-150	-135	-112	-78	-55	-36	1	37	3490	145	215	275	305	314	308	280	243	199	148
2960	51	42	15	-7	-35	-61	-67	-33	0	43	3500	74	16	0	5	30	55	81	122	149	181
2970	106	172	232	284	326	350	347	325	295	221	3510	170	134	89	-12	-96	-208	-322	-407	-435	-446
2980	70	-70	-105	-111	-79	-52	-39	-3	43	91	3520	-427	-392	-351	-295	-215	-135	-48	42	112	126
2990	128	146	165	176	180	179	172	166	180	191	3530	89	51	-84	-646	-576	-592	-551	-517	-472	-381
3000	212	240	262	272	272	248	208	182	109	73	3540	-261	-114	6	103	211	326	414	450	458	436
3010	48	48	35	19	8	-3	-22	-36	-30	-5	3550	340	37	-262	-339	-380	-375	-344	-312	-280	-242
3020	11	21	37	58	71	76	80	82	80	68	3560	-225	-227	-249	-293	-334	-355	-395	-461	-513	-546
3030	66	57	6	-36	-105	-168	-213	-223	-200	-162	3570	-600	-601	-581	-533	-518	-448	-375	-301	-231	-172
3040	-107	-45	14	75	146	182	192	177	147	86	3580	-124	-175	-236	-286	-366	-451	-530	-564	-591	-612
3050	-3	-85	-145	-174	-194	-197	-191	-177	-162	-144	3590	-624	-634	-650	-647	-631	-613	-590	-572	-551	-527
3060	-118	-94	-75	-52	-27	-9	-8	-22	-41	-58	3600	-512	-505	-517	-538	-550	-548	-532	-511	-483	-453
3070	3070	-83	-140	-190	-224	-244	-251	-251	-232	-210	3610	-363	-285	-208	-135	-58	36	86	87	41	-141
3080	-162	-131	-111	-89	-79	-59	-10	-123	-174	-301	3620	-401	-311	-373	-326	-268	-185	-74	63	112	207
3090	-446	-339	-190	-604	-589	-556	-510	-448	-389	-332	3630	-279	-249	-221	-198	-164	-109	-36	41	100	185
3100	-279	-242	-236	-260	-292	-315	-345	-359	-343	-314	3640	-177	-224	-239	-221	-198	-164	-109	-36	41	100
3110	-379	-338	-312	-267	-237	31	66	110	146	158	3650	156	224	269	301	340	370	387	430	475	507
3120	154	130	107	81	59	45	35	-1	-48	-98	3660	541	574	604	604	573	535	434	47	-302	-440
3130	-131	-166	-218	-270	-342	-367	-387	-397	-404	-395	3670	-458	-439	-399	-347	-289	-236	-165	-103	-55	-48
3140	-377	-356	-331	-319	-304	-313	-327	-338	-353	-362	3680	-59	-69	-66	-66	-65	-61	-59	-59	-59	-40
3150	-358	-340	-318	-303	-278	-252	-235	-232	-235	-260	3690	-64	-70	-87	-99	-111	-122	-142	-135	-126	-88
3160	-276	-293	-305	-309	-294	-280	-261	-242	-249	-148	3700	-141	-151	-165	-158	-124	-58	4	68	163	283
3170	-115	-105	-123	-155	-235	-310	-348	-381	-390	-370	3710	405	526	646	746	844	901	960	995	1008	975
3180	-348	-331	-286	-247	-187	-144	-108	-75	-42	-9	3720	861	449	44	-61	-44	-12	29	127	242	350

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1573 EAST)											CONTINUED(S-1573 EAST)										
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3730	444	537	630	729	801	835	805	766	704	167	4270	1066	901	744	605	492	505	541	577	608	620
3740	-250	-461	-550	-613	-661	-674	-661	-661	-694	-733	4280	606	537	389	236	104	9	-41	-39	-20	-22
3750	-800	-852	-918	-972	-1004	-1008	-1008	-1012	-1012	-1012	4290	20	37	62	87	99	92	68	23	8	-44
3760	-1012	-1004	-976	-944	-901	-863	-844	-813	-682	-550	4300	-67	-76	-68	-47	-21	-2	5	6	5	-28
3770	-435	-331	-250	-177	-116	-74	-50	-35	-15	13	4310	-55	-55	-99	-117	-123	-130	-135	-147	-164	-195
3780	36	68	107	163	231	299	367	466	529	579	4320	-228	-269	-336	-401	-447	-465	-445	-427	-341	-172
3790	621	634	682	730	810	874	924	989	1023	1022	4330	-289	-231	-161	-80	0	87	147	178	185	172
3800	999	958	843	705	555	440	448	490	542	582	4340	148	116	75	-56	-226	-392	-561	-633	-692	-690
3810	627	682	737	775	797	810	802	789	769	738	4350	-682	-676	-664	-637	-605	-576	-545	-535	-545	-535
3820	3820	710	690	666	637	600	551	508	487	481	4360	-545	-578	-726	-784	-817	-829	-795	-763	-730	-695
3830	677	660	626	589	541	493	448	405	364	325	4370	-645	-645	-658	-673	-682	-648	-659	-643	-625	-643
3840	-667	-629	-589	-531	-486	-441	-396	-352	-308	-264	4380	-599	-595	-645	-731	-820	-914	-1004	-1088	-1163	-1133
3850	-165	-215	-237	-264	-294	-324	-354	-384	-414	-444	4390	-92	63	26	-4	-24	-54	-88	-141	-226	-346
3860	-662	-653	-624	-584	-544	-504	-464	-424	-384	-344	4400	-659	-794	-827	-824	-795	-748	-661	-570	-479	-380
3870	-811	-475	-447	-420	-364	-276	-197	-120	-39	37	4410	-278	-180	-105	-17	52	75	87	49	37	46
3880	84	119	141	157	173	178	181	181	183	204	4420	66	87	108	134	165	189	210	226	238	245
3890	236	241	218	185	138	97	47	28	33	45	4430	244	243	236	226	206	155	93	29	-10	-39
3900	54	45	12	-18	-58	-96	-159	-231	-293	-277	4440	-60	-47	-25	0	36	77	101	82	3	-60
3910	-236	-178	-111	-35	48	140	224	258	262	228	4450	-161	-168	-138	-96	-60	-28	0	22	60	113
3920	168	43	-302	-641	-649	-618	-579	-541	-486	-395	4460	159	235	283	339	353	372	395	412	443	471
3930	-308	-231	-116	-15	88	189	282	368	424	472	4470	497	506	523	539	544	552	560	566	579	608
3940	496	471	415	217	49	29	31	25	4	-9	4480	627	631	634	634	625	612	570	544	458	347
3950	-81	-170	-241	-270	-282	-282	-261	-236	-211	-185	4490	274	269	264	257	237	215	182	104	-8	-99
3960	-163	-135	-94	-116	-137	-156	-176	-206	-230	-217	4500	-120	-104	-76	-38	0	35	56	71	42	-24
3970	-187	-169	-109	-82	16	102	158	215	271	315	4510	-103	-337	-505	-870	-1021	-1071	-1082	-1068	-1038	-996
3980	356	328	309	295	278	172	99	28	4	-26	4520	-942	-888	-841	-806	-787	-784	-795	-775	-740	-703
3990	-72	-112	-147	-170	-178	-158	-122	-99	-90	-44	4530	-684	-614	-547	-453	-357	-261	-177	-104	-38	11
4000	8	84	141	219	299	353	376	381	380	371	4540	47	74	87	94	99	99	99	85	68	58
4010	357	369	379	392	400	404	398	391	384	381	4550	48	45	67	105	143	179	225	278	328	382
4020	395	410	422	440	453	460	448	437	396	350	4560	423	453	492	535	580	640	715	800	898	971
4030	302	245	184	124	62	13	-24	-63	-94	-110	4570	1007	1028	1021	980	821	66	-166	-164	-123	-49
4040	-125	-135	-142	-146	-151	-157	-181	-203	-231	-323	4580	-16	71	167	272	397	517	602	659	715	726
4050	-495	-625	-734	-786	-765	-737	-693	-665	-640	-580	4590	664	617	503	406	336	277	228	179	140	99
4060	-491	-625	-734	-786	-765	-737	-693	-665	-640	-580	4600	51	29	21	27	44	83	110	149	190	216
4070	74	-259	-586	-719	-753	-760	-754	-732	-688	-656	4610	231	186	133	76	-87	-136	-169	-171	-165	-160
4080	-627	-588	-529	-450	-389	-316	-224	-118	-29	55	4620	-153	-125	-130	-111	-89	-69	-59	-46	-30	-20
4090	127	172	193	189	170	152	136	128	125	124	4630	4	26	44	53	78	110	130	168	202	208
4100	131	153	169	186	221	302	379	452	528	599	4640	205	192	185	202	231	273	320	370	411	464
4110	635	714	761	727	688	26	-77	-92	-55	-15	4650	508	541	566	584	538	501	469	458	475	484
4120	17	56	106	153	103	71	35	-40	-129	-209	4660	518	550	575	615	668	720	761	786	776	750
4130	-254	-248	-233	-203	-166	-95	-18	13	31	52	4670	690	604	510	414	327	231	142	-3	-82	-135
4140	9	-10	-16	-3	13	44	74	90	71	40	4680	-155	-164	-161	-136	-105	-79	-48	-8	41	58
4150	12	-9	-46	-145	-236	-362	-432	-449	-439	-410	4690	47	3	-48	-101	-211	-313	-380	-411	-439	-466
4160	-352	-272	-216	-136	-21	101	229	329	396	444	4700	-477	-492	-510	-530	-545	-569	-601	-636	-687	-727
4170	469	452	422	376	330	274	230	180	140	112	4710	-740	-732	-722	-695	-665	-634	-611	-568	-537	-525
4180	94	72	46	20	14	27	85	148	195	255	4720	-540	-579	-608	-617	-645	-689	-715	-744	-764	-789
4190	331	391	427	460	479	471	436	364	248	56	4730	-824	-873	-924	-968	-1027	-1056	-1088	-1079	-1055	-1055
4200	-267	-360	-392	-366	-320	-279	-256	-242	-230	-205	4740	-1028	-994	-932	-855	-760	-683	-611	-485	-370	-289
4210	-203	-169	-114	-81	-59	-48	-61	-102	-140	-185	4750	-192	-119	-95	-127	-179	-252	-348	-400	-415	-422
4220	-209	-193	-150	-116	-83	-54	-30	6	33	66	4760	-431	-230	-220	-222	-222	-222	-222	-222	-222	-222
4230	83	101	129	164	194	229	279	325	368	413	4770	-257	-254	-222	-245	-15	82	137	225	287	360
4240	454	484	495	450	471	418	379	351	295	246	4780	408	414	398	395	360	324	274	192	104	11
4250	820	248	248	326	394	458	525	607	680	760	4790	-45	-56	-53	-53	-58	-19	-3	9	31	52
4260	827	890	955	1002	1036	1091	1125	1155	1157	1129	4800	68	91	119	142	165	195	231	271	302	321

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1573 EAST)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4810	332	337	337	296	271	225	175	148		
4820	148	165	107	241	299	295	279	262	687	739
4830	243	194	107	539	564	579	807	807	51	-134
4840	797	774	715	668	601	550	564	551	-20	0
4850	471	500	520	519	492	455	411	357	388	427
4860	123	30	36	162	247	332	442	517	153	-89
4870	614	656	645	631	612	590	565	543	154	-84
4880	533	577	604	633	684	742	784	830	129	86
4890	959	980	999	1001	982	941	904	854	222	58
4900	517	457	431	425	426	443	474	503	190	-213
4910	564	584	601	619	627	621	598	556	-181	-207
4920	473	465	461	451	443	440	439	439	-872	-251
4930	439	439	439	431	409	398	390	366	-639	-760
4940	254	197	153	119	86	52	30	10	-602	-518
4950	448	77	104	119	-126	-121	-98	-77	-416	-334
4960	-36	-74	-115	-145	-201	-270	-298	-300	-170	-153
4970	238	217	196	170	161	107	72	55	32	149
4980	-27	-60	-82	-104	-125	-152	-172	-236	-86	-214
4990	-266	-230	-208	-159	-97	-27	39	54	226	42
5000	-78	-165	-373	-559	-615	-665	-715	-746	484	276
5010	-795	-804	-803	-798	-767	-731	-689	-581	453	508
5020	-227	-127	-49	10	56	73	50	10	173	179
5030	-100	-92	-52	-15	29	145	223	284	209	187
5040	375	407	443	462	446	448	416	371	330	303
5050	-64	-283	-366	-393	-404	-415	-420	-425	328	322
5060	-494	-476	-494	-510	-565	-616	-682	-704	-132	-203
5070	-683	-661	-638	-604	-554	-493	-425	-320	-141	-137
5080	2	109	206	289	362	421	460	474	-363	-435
5090	391	351	305	271	228	185	157	159	-380	-349
5100	266	296	336	365	393	419	420	391	-189	-166
5110	302	301	116	253	119	-30	-1	53	159	195
5120	124	143	152	153	143	120	118	128	167	171
5130	163	171	161	137	96	52	10	-40	177	190
5140	-163	-227	-262	-266	-252	-234	-210	-189	53	-139
5150	-94	-69	-52	-51	-52	-57	-60	-71	-83	-159
5160	-141	-168	-195	-223	-245	-270	-279	-259	-158	-180
5170	-195	-181	-151	-100	-52	-21	27	73	-143	-97
5180	131	115	91	62	14	-43	-99	-119	-45	-80
5190	-79	-55	-26	22	59	81	104	137	0	63
5200	196	219	237	249	236	164	53	-78	160	174
5210	-421	-427	-431	-438	-443	-453	-464	-487	110	75
5220	-377	-618	-671	-718	-751	-786	-828	-878	202	211
5230	-783	-775	-769	-753	-750	-742	-727	-712	98	97
5240	-589	-530	-476	-434	-402	-374	-358	-348	52	0
5250	-304	-293	-282	-286	-241	-224	-202	-158	-13	-34
5260	-47	-10	30	45	104	151	196	236	-281	-295
5270	349	381	419	430	455	466	464	463	-216	-237
5280	454	465	484	497	509	540	571	601	-452	-470
5290	703	758	808	847	881	885	894	871	-468	-464
5300	773	705	613	528	471	440	441	476	-448	-453
5310	577	611	647	669	663	638	592	531	-285	-208
5320	174	60	-84	-154	-188	-191	-188	-172	-89	-60
5330	-88	-65	-46	-18	3	36	65	105	91	105
5340	86	77	76	98	122	148	169	195	332	355
									391	344
									414	303
									22	276
									9	25
									21	2

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1573 EAST)											CONTINUED (S-1573 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
5890	8	16	35	71	103	124	151	177	207	240	6430	23	37	48	55	71	75	76	77	81	80	
5900	264	277	277	261	237	195	133	67	13	127	6440	79	73	66	64	60	56	48	46	46	30	17
5910	-39	-38	-24	-8	29	58	84	106	121	127	6450	1	-16	-33	-41	-49	-56	-54	-46	-41	-38	
5920	116	97	85	76	84	107	137	167	204	240	6460	-35	-31	-28	-27	-35	-44	-50	-58	-64	-68	
5930	272	293	300	302	302	306	306	309	315	315	6470	-68	-64	-58	-56	-62	-66	-64	-59	-71	-78	
5940	329	360	364	373	383	395	399	399	398	390	6480	-100	-119	-131	-139	-149	-154	-147	-137	-137	-127	
5950	383	382	381	374	364	353	344	316	286	245	6490	-121	-105	-87	-74	-64	-49	-50	-48	-48	-6	
5960	186	90	-10	-75	-120	-139	-192	-233	-217	-319	6500	-45	-37	-27	-18	-9	-2	-1	1	5	6	
5970	-358	-368	-377	-386	-390	-393	-389	-377	-352	-352	6510	6	0	11	21	32	39	38	26	14	-7	
5980	-312	-292	-255	-229	-203	-157	-139	-142	-162	-192	6520	1	9	11	33	52	60	68	77	82	82	
5990	-219	-242	-277	-320	-350	-314	-320	-341	-351	-351	6530	89	92	96	103	109	119	132	153	166	190	
6000	-364	-372	-369	-368	-359	-343	-321	-293	-266	-258	6540	200	203	216	229	242	258	266	268	269	260	
6010	-210	-142	-107	-67	-47	-44	-57	-93	-106	-142	6550	243	238	228	226	200	183	163	151	135	116	
6020	-228	-285	-285	-288	-286	-284	-280	-271	-267	-298	6560	108	91	88	80	80	80	84	111	125	131	
6030	-260	-222	-246	-244	-244	-246	-254	-267	-277	-298	6570	136	126	123	112	96	73	41	17	4	-31	
6040	-327	-351	-352	-346	-343	-342	-338	-327	-316	-308	6580	176	172	172	172	135	138	138	138	138	-143	
6050	-360	-327	-352	-346	-343	-342	-342	-342	-356	-372	6590	-147	-152	-140	-174	-190	-206	-225	-245	-291	-310	
6060	-437	-450	-464	-483	-508	-524	-523	-506	-480	-451	6600	-318	-345	-345	-340	-372	-392	-399	-403	-404	-399	
6070	-431	-426	-419	-402	-394	-389	-383	-369	-370	-364	6610	-389	-373	-351	-340	-376	-397	-403	-403	-403	-399	
6080	-355	-359	-312	-288	-255	-227	-191	-161	-146	-128	6620	-223	-199	-171	-150	-137	-117	-100	-77	-65	-57	
6090	-88	-40	-4	-24	35	44	66	112	135	142	6630	-57	-58	-58	-57	-56	-56	-28	-17	-10	0	
6100	159	172	168	169	174	180	181	193	214	238	6640	5	15	22	23	24	34	36	35	35	39	
6110	250	267	301	325	349	382	410	424	428	439	6650	43	44	50	50	49	49	49	43	41	33	
6120	440	440	440	441	446	448	451	457	467	481	6660	31	22	-1	-35	-53	-57	-77	-96	-110	-110	
6130	492	502	504	509	511	511	508	511	522	539	6670	-109	-103	-91	-60	-39	-19	-5	11	22	48	
6140	559	578	590	599	607	606	602	591	576	553	6680	53	46	44	17	6	-9	-18	-27	-29	-35	
6150	520	484	451	411	376	368	366	363	365	368	6690	-32	-25	-18	-13	-8	5	22	33	38	71	
6160	369	362	346	328	299	272	249	233	220	207	6700	94	101	126	140	159	163	156	152	128	117	
6170	195	192	207	227	239	256	290	317	333	339	6710	110	95	88	88	88	89	92	105	116	135	
6180	338	315	283	260	246	206	158	111	55	16	6720	153	166	174	171	152	139	121	106	86	66	
6190	-20	-45	-55	-50	-36	-13	16	34	63	85	6730	49	35	25	9	-10	-27	-30	-29	-32	-40	
6200	118	121	119	96	69	66	27	13	-12	-19	6740	-41	-30	-24	-27	-18	-4	1	8	33	34	
6210	-14	-10	-6	-3	6	16	19	18	16	18	6750	41	40	47	46	45	45	45	40	38	39	
6220	1	-17	-33	-60	-94	-118	-137	-153	-167	-178	6760	40	43	45	46	46	47	45	35	23	15	
6230	-190	-200	-203	-230	-248	-265	-279	-278	-274	-272	6770	1	-11	-15	-14	-12	-10	-6	-5	0	6	
6240	-276	-270	-269	-268	-286	-299	-315	-328	-336	-347	6780	7	11	15	21	27	29	38	47	53	57	
6250	-352	-376	-386	-394	-394	-395	-399	-402	-409	-415	6790	63	64	66	66	66	65	64	60	58	55	
6260	-420	-424	-425	-425	-424	-424	-418	-411	-396	-385	6800	49	45	35	29	26	26	20	16	17	17	
6270	-380	-373	-362	-354	-363	-378	-381	-371	-360	-350	6810	23	31	42	47	57	65	72	71	64	63	
6280	-348	-336	-320	-301	-283	-266	-246	-227	-201	-174	6820	63	63	64	64	66	66	72	79	86	94	
6290	-152	-131	-94	-67	-47	-13	13	33	51	69	6830	94	95	102	107	116	116	116	115	113	107	
6300	98	119	139	151	153	159	166	171	178	191	6840	91	83	62	55	51	42	38	35	24	15	
6310	203	218	235	248	257	278	291	310	320	329	6850	8	-3	-22	-40	-52	-65	-85	-104	-131	-161	
6320	329	325	321	320	320	320	320	320	320	322	6860	-157	-159	-191	-210	-243	-265	-263	-270	-320	-371	
6330	371	376	379	378	375	373	373	377	373	364	6870	-277	-283	-288	-290	-296	-296	-297	-295	-289	-283	
6340	370	373	377	376	361	327	301	270	206	156	6880	-274	-267	-263	-257	-252	-244	-231	-222	-208	-203	
6350	130	103	77	54	25	-11	-35	-64	-102	-136	6890	-205	-208	-214	-215	-216	-217	-222	-224	-219	-211	
6360	-144	-166	-180	-179	-172	-164	-155	-145	-139	-135	6900	-204	-198	-190	-179	-163	-152	-140	-119	-112	-102	
6370	-131	-131	-123	-119	-101	-92	-81	-67	-15	3	6910	-93	-93	-93	-93	-93	-95	-97	-102	-107	-104	
6380	8	5	-10	-24	-40	-51	-64	-71	-73	-74	6920	90	70	52	37	21	-7	15	31	51	74	
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6400	44	47	48	44	32	21	19	18	5	-13	6940	156	150	145	135	129	140	140	140	140	140	
6410	-22	-40	-45	-56	-54	-60	-52	-49	-48	-44	6950	140	139	135	128	109	106	97	97	95	90	
6420	-38	-39	-27	-20	-22	-15	-5	1	9	11	6960	75	73	73	76	88	105	111	123	129	138	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1573 EAST)

CONTINUED(S-1573 EAST)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6970	156	173	194	206	212	224	229	235	235	227	7510	209	219	224	225	226	221	218	209	197	197
6980	220	209	194	177	152	116	110	93	76	64	7520	193	177	175	178	182	183	184	189	198	212
6990	56	44	41	37	33	32	34	35	35	31	7530	215	214	217	221	224	225	223	219	217	219
7000	25	25	27	26	23	25	24	27	30	33	7540	220	218	214	213	215	215	209	203	197	205
7010	35	43	52	62	73	81	89	97	103	105	7550	208	207	207	208	208	207	202	202	195	184
7020	105	103	101	98	92	90	100	108	110	116	7560	180	171	164	155	156	155	150	150	146	149
7030	127	133	134	132	123	117	106	94	88	88	7570	151	151	151	149	148	148	146	145	145	146
7040	83	78	73	68	66	66	75	76	77	73	7580	145	140	139	141	138	134	137	137	138	141
7050	83	83	83	83	83	83	83	83	83	83	7590	144	143	135	129	112	90	66	40	23	4
7060	-31	-44	-49	-60	-59	-60	-59	-50	-31	-19	7600	147	143	135	129	112	90	66	40	23	4
7070	-8	0	12	15	7	-9	-20	-33	-48	-64	7610	-14	-36	-57	-72	-75	-93	-105	-107	-132	-134
7080	-74	-86	-96	-102	-106	-103	-98	-101	-102	-100	7620	-158	-162	-191	-207	-233	-238	-235	-270	-293	-310
7090	-98	-101	-105	-110	-115	-121	-133	-141	-153	-176	7630	-316	-321	-326	-342	-360	-372	-387	-399	-404	-414
7100	-193	-202	-211	-219	-232	-227	-233	-236	-239	-239	7640	-423	-417	-419	-426	-433	-433	-433	-453	-424	-420
7110	-258	-235	-224	-219	-214	-206	-199	-193	-178	-195	7650	-413	-409	-407	-376	-358	-356	-350	-341	-337	-322
7120	-131	-103	-85	-61	-50	-47	-47	-39	-30	-20	7660	-318	-313	-301	-298	-282	-266	-255	-245	-231	-228
7130	0	6	14	21	14	21	28	41	48	62	7670	-218	-195	-175	-164	-155	-138	-114	-92	-72	-56
7140	74	80	92	101	111	124	124	123	128	142	7680	-43	-44	-46	-36	-33	-25	-12	-4	5	26
7150	153	157	160	158	149	147	147	142	136	135	7690	47	56	71	90	100	104	121	128	138	141
7160	135	133	130	128	128	127	122	116	115	115	7700	145	145	148	149	153	152	144	142	139	135
7170	115	115	105	92	85	76	74	74	74	74	7710	130	123	124	116	109	108	104	96	82	85
7180	63	59	42	27	14	-3	-19	-35	-51	-59	7720	75	75	75	79	84	88	91	98	105	108
7190	-71	-91	-99	-110	-128	-137	-148	-159	-167	-174	7730	111	113	113	112	111	108	101	97	94	89
7200	-176	-177	-187	-195	-197	-198	-210	-219	-220	-220	7740	85	83	83	86	89	95	99	104	112	120
7210	-220	-220	-225	-225	-225	-225	-225	-225	-218	-207	7750	127	128	124	122	122	119	115	112	101	92
7220	-196	-184	-171	-162	-150	-166	-164	-164	-164	-166	7760	88	85	78	76	73	70	62	47	45	41
7230	-146	-146	-146	-142	-137	-136	-128	-112	-100	-92	7770	36	28	15	11	11	8	4	4	4	4
7240	-82	-65	-80	-37	-28	-20	-14	-12	-2	15	7780	-4	-5	-8	-10	-17	-28	-29	-34	-39	-49
7250	30	34	45	57	64	70	74	80	83	89	7790	-49	-57	-66	-72	-77	-82	-93	-106	-117	-124
7260	96	102	110	117	120	122	132	150	157	161	7800	-129	-135	-140	-144	-153	-160	-164	-168	-169	-169
7270	163	165	166	166	166	165	161	157	153	146	7810	-171	-173	-178	-185	-193	-196	-196	-193	-189	-188
7280	141	139	135	128	123	119	113	110	107	96	7820	-183	-189	-187	-184	-182	-182	-180	-176	-172	-165
7290	95	86	84	84	80	79	76	76	77	83	7830	-164	-164	-161	-158	-156	-154	-156	-159	-154	-150
7300	95	110	122	126	139	143	146	150	162	179	7840	-149	-150	-151	-149	-147	-146	-145	-144	-137	-128
7310	189	194	199	202	204	200	202	205	209	213	7850	-122	-114	-107	-99	-93	-87	-84	-77	-66	-60
7320	215	221	229	233	233	232	227	222	215	201	7860	-57	-60	-58	-53	-54	-53	-49	-47	-51	-50
7330	190	188	188	192	193	195	203	211	215	220	7870	-43	-47	-43	-45	-47	-46	-45	-46	-46	-36
7340	224	225	230	211	208	205	199	194	194	191	7880	-27	-25	-15	-13	0	16	26	29	34	39
7350	190	189	191	192	194	196	194	194	194	194	7890	-27	-25	-15	-13	0	16	26	29	34	39
7360	191	179	158	144	135	130	129	123	116	110	7900	112	115	119	120	120	119	119	113	113	114
7370	105	80	57	53	43	25	6	-7	-32	-43	7910	127	131	133	135	136	136	136	136	135	131
7380	-53	-70	-85	-94	-101	-105	-105	-105	-126	-138	7920	125	116	111	102	100	99	100	103	108	113
7390	-173	-173	-177	-190	-207	-226	-240	-252	-267	-289	7930	118	122	127	135	139	144	150	152	152	159
7400	-273	-278	-280	-281	-289	-296	-296	-296	-294	-296	7940	166	175	181	181	185	194	198	211	222	229
7410	-298	-305	-310	-311	-320	-327	-329	-334	-342	-349	7950	240	259	262	266	268	270	295	309	330	329
7420	-354	-357	-366	-370	-373	-378	-388	-396	-398	-397	7960	330	334	337	340	342	342	343	343	342	341
7430	-397	-395	-392	-389	-389	-383	-370	-364	-355	-348	7970	338	333	334	332	331	327	320	316	313	308
7440	-335	-326	-317	-299	-291	-279	-271	-265	-252	-252	7980	309	309	309	303	295	289	284	277	267	257
7450	-244	-237	-222	-211	-203	-194	-174	-164	-148	-134	7990	242	223	211	195	179	164	152	142	132	130
7460	-118	-99	-83	-67	-53	-39	-24	-10	4	16	8000	132	120	102	95	79	58	39	18	9	9
7470	27	41	58	70	80	94	105	113	123	128	8010	56	-29	-44	-48	-56	-72	-81	-86	-103	-115
7480	132	138	140	146	154	160	165	170	176	185	8020	-117	-119	-130	-140	-155	-164	-171	-183	-188	-196
7490	191	189	189	194	195	195	196	194	192	187	8030	-208	-211	-220	-233	-240	-250	-260	-255	-254	-254
7500	174	167	163	164	171	178	184	191	196	203	8040	-263	-271	-276	-267	-269	-277	-282	-286	-287	-292

TO BE CONTINUED

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CONTINUED(S-1573 EAST)										CONTINUED(S-1573 EAST)									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8050	-299	-304	-304	-306	-303	-303	-298	-299	-301	8590	279	274	269	264	253	249	246	246	260
8060	-293	-291	-284	-283	-278	-271	-267	-261	-255	8600	231	232	230	221	215	214	205	194	186
8070	-250	-240	-234	-221	-211	-199	-184	-177	-170	8610	187	182	180	181	173	177	183	185	200
8080	-164	-156	-147	-137	-131	-118	-106	-99	-88	8620	207	210	215	221	219	218	218	217	260
8090	-79	-81	-79	-60	-56	-54	-50	-48	-33	8630	218	214	210	206	207	200	198	201	204
8100	-12	-9	23	38	51	62	73	82	88	8640	208	206	204	201	199	198	197	206	189
8110	97	109	118	124	127	129	130	132	138	8650	181	177	171	167	167	163	164	163	157
8120	139	165	151	156	161	164	165	171	172	8660	154	145	140	134	130	122	112	110	96
8130	183	183	168	165	164	163	160	152	150	8670	80	71	59	51	46	43	29	18	12
8140	144	141	135	127	124	115	112	110	110	8680	80	71	59	51	46	43	29	18	12
8150	114	114	110	110	108	102	95	92	82	8690	-15	-14	-19	-25	-33	-40	-47	-55	-70
8160	76	61	47	40	39	33	26	18	18	8700	-84	-86	-86	-101	-107	-110	-118	-129	-131
8170	16	13	10	-2	-17	-21	-28	-34	-41	8710	-154	-162	-160	-165	-170	-170	-178	-187	-188
8180	-54	-63	-69	-72	-86	-96	-92	-91	-87	8720	-189	-197	-203	-212	-221	-226	-227	-238	-233
8190	-84	-86	-86	-86	-88	-88	-92	-94	-91	8730	-236	-242	-246	-243	-241	-237	-235	-231	-226
8200	-93	-96	-99	-96	-91	-90	-91	-90	-91	8740	-223	-225	-228	-232	-233	-233	-238	-238	-239
8210	-101	-101	-101	-109	-122	-133	-134	-137	-149	8750	-233	-235	-234	-233	-232	-231	-228	-221	-216
8220	-156	-170	-172	-177	-177	-182	-178	-177	-177	8760	-210	-207	-204	-203	-202	-200	-199	-197	-195
8230	-178	-180	-177	-177	-175	-172	-164	-162	-155	8770	-190	-185	-181	-181	-180	-178	-176	-171	-164
8240	-151	-145	-137	-143	-140	-134	-127	-123	-105	8780	-148	-145	-140	-135	-127	-117	-109	-103	-92
8250	-99	-85	-81	-78	-82	-81	-74	-71	-65	8790	-82	-71	-69	-67	-65	-61	-53	-48	-47
8260	-46	-49	-43	-49	-43	-42	-39	-38	-37	8800	-40	-36	-36	-31	-17	-9	-5	2	9
8270	-33	-30	-21	-13	-3	-2	8	10	19	8810	26	32	38	40	40	40	40	40	41
8280	30	34	37	42	40	46	60	60	65	8820	42	42	42	42	42	43	45	46	48
8290	65	77	90	94	100	105	110	130	137	8830	60	61	67	76	78	81	84	89	92
8300	147	151	153	154	156	154	152	152	148	8840	114	120	128	140	152	162	172	180	186
8310	150	144	136	133	127	120	111	112	113	8850	201	204	204	205	207	208	206	211	212
8320	112	110	112	110	108	103	93	86	80	8860	207	206	203	200	195	192	192	193	189
8330	75	75	71	61	51	45	38	30	27	8870	189	192	195	197	200	201	205	209	210
8340	26	22	22	18	12	10	7	3	-1	8880	209	211	211	209	208	207	207	200	199
8350	-12	-16	-25	-31	-33	-34	-37	-37	-48	8890	193	189	181	182	181	175	172	168	160
8360	-42	-33	-21	-9	4	18	24	31	40	8900	153	153	145	140	132	126	122	116	112
8370	45	55	66	71	72	81	83	83	89	8910	106	105	102	94	91	87	83	78	71
8380	109	118	121	130	137	140	151	165	169	8920	56	54	54	54	53	51	49	46	46
8390	171	176	175	185	184	191	204	207	200	8930	66	47	49	49	49	48	43	36	34
8400	202	204	219	221	219	227	231	231	235	8940	35	19	10	1	-6	-12	-20	-27	-30
8410	237	238	236	229	228	219	215	207	198	8950	-39	-45	-51	-60	-55	-55	-61	-63	-68
8420	183	180	172	163	161	140	127	116	108	8960	-76	-79	-82	-84	-86	-92	-94	-94	-107
8430	94	76	59	50	49	35	49	35	18	8970	-109	-111	-117	-123	-125	-128	-132	-137	-136
8440	-23	-43	-64	-77	-86	-96	-101	-103	-109	8980	-129	-129	-129	-137	-136	-135	-134	-130	-129
8450	-129	-145	-148	-162	-172	-193	-194	-213	-227	8990	-137	-137	-137	-137	-137	-137	-137	-137	-137
8460	-243	-257	-264	-282	-286	-290	-298	-305	-308	9000	-129	-128	-123	-117	-110	-102	-94	-84	-82
8470	-318	-324	-334	-344	-350	-354	-360	-371	-374	9010	-76	-74	-71	-70	-66	-57	-55	-53	-56
8480	-388	-397	-408	-418	-412	-404	-404	-388	-372	9020	-60	-64	-68	-69	-71	-72	-70	-69	-63
8490	-362	-354	-352	-342	-337	-330	-323	-321	-304	9030	-65	-68	-74	-78	-83	-91	-92	-90	-90
8500	-297	-293	-289	-286	-289	-291	-286	-284	-289	9040	-90	-88	-85	-82	-77	-71	-67	-60	-54
8510	-290	-278	-266	-263	-242	-230	-215	-200	-186	9050	-48	-44	-39	-36	-33	-30	-28	-27	-24
8520	-166	-163	-152	-138	-132	-132	-133	-134	-133	9060	-18	-17	-11	-11	-3	0	3	7	15
8530	-123	-119	-117	-114	-104	-94	-86	-73	-59	9070	26	29	32	38	42	43	44	44	45
8540	-47	-49	-44	-32	-26	-10	3	19	32	9080	46	46	46	50	54	59	64	70	74
8550	58	68	76	91	99	105	116	125	135	9090	72	71	70	69	69	67	67	66	65
8560	143	146	153	160	173	176	177	183	188	9100	65	69	72	75	76	76	76	73	69
8570	196	206	206	218	233	243	245	251	273	9110	53	47	42	38	31	27	13	10	5
8580	275	287	285	284	293	289	286	280	280	9120	1	0	-5	-10	-17	-21	-30	-37	-45

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CONTINUED(S-1573 EAST)

CONTINUED(S-1573 EAST)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(10)		
9130	-58	-66	-69	-73	-75	-81	-82	-82	-82	-83	9670	51	45	38	30	25	19	14	11	8	2	
9140	-83	-84	-89	-96	-101	-110	-117	-121	-127	-133	9680	-4	-11	-21	-22	-26	-31	-32	-33	-34	-36	
9150	-137	-138	-139	-142	-143	-143	-144	-144	-143	-143	9690	-41	-45	-47	-45	-55	-61	-63	-58	-56	-55	
9160	-143	-153	-150	-126	-119	-115	-115	-115	-115	-115	9700	-55	-55	-53	-53	-55	-55	-55	-55	-54	-54	
9170	-115	-114	-114	-114	-114	-112	-106	-102	-101	-99	9710	-51	-43	-43	-43	-36	-33	-29	-29	-28	-24	
9180	-98	-96	-94	-88	-80	-73	-70	-68	-64	-61	9720	-23	-21	-19	-19	-19	-19	-16	-15	-14	-14	
9190	-59	-54	-49	-49	-49	-49	-49	-46	-39	-36	9730	-14	-14	-14	-14	-15	-15	-15	-15	-19	-14	
9200	-28	-22	-14	-7	-4	-2	2	3	2	2	9740	-12	-13	-14	-13	-20	0	0	3	6	8	
9210	4	8	11	12	14	17	19	23	29	32	9750	11	19	20	23	29	33	40	48	52	51	
9220	37	41	43	46	47	47	51	58	63	67	9760	51	50	50	50	52	52	53	59	59	59	
9230	68	69	70	75	81	86	89	93	98	102	9770	59	59	57	52	51	46	40	31	26	17	
9240	106	112	116	117	118	119	120	123	125	128	9780	59	59	57	52	51	46	40	31	26	17	
9250	129	134	136	137	139	140	141	143	148	151	9790	8	3	-3	-10	-13	-22	-23	-18	-13	-12	
9260	149	149	150	150	150	150	150	150	150	151	9800	-12	-12	-13	-13	-13	-13	-11	-8	-8	-8	
9270	151	151	151	151	150	148	138	129	126	125	9810	-8	-8	-8	-8	-9	-11	-16	-13	-10	-10	
9280	118	115	114	110	111	111	111	118	121	123	9820	-10	-9	-8	-8	-8	-9	-11	-16	-13	-10	
9290	127	127	125	122	119	112	105	99	94	89	9830	4	4	4	4	6	10	16	23	31	39	
9300	86	78	74	77	77	75	70	66	66	63	9840	43	45	44	45	50	53	59	54	53	53	
9310	61	61	61	60	58	54	49	44	35	25	9850	53	53	53	53	52	47	45	47	45	43	
9320	16	7	0	-7	-12	-9	-7	-9	-13	-16	9860	42	42	42	42	42	36	32	31	30	26	
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9340	-73	-80	-89	-99	-102	-111	-119	-124	-130	-135	9880	10	10	10	11	12	13	14	12	12	12	
9350	-138	-138	-142	-143	-143	-148	-149	-149	-149	-149	9890	12	12	12	12	12	12	11	9	5	0	
9360	-151	-156	-161	-165	-169	-172	-176	-179	-179	-179	9900	13	13	13	13	12	12	11	9	5	0	
9370	-179	-175	-167	-159	-153	-150	-150	-150	-150	-150	9910	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	
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9390	-102	-93	-82	-72	-65	-61	-53	-41	-34	-27	9930	-57	-55	-54	-52	-50	-49	-49	-51	-54	-58	
9400	-28	-28	-22	-20	-16	-10	-5	1	11	19	9940	-69	-70	-69	-68	-68	-68	-67	-63	-63	-64	
9410	26	35	48	58	66	71	72	72	72	72	9950	-64	-64	-67	-69	-71	-72	-76	-79	-80	-81	
9420	79	79	79	79	80	86	93	100	109	113	9960	-85	-86	-88	-88	-88	-88	-87	-85	-83	-82	
9430	113	115	115	111	108	104	99	97	97	99	9970	-76	-72	-69	-68	-67	-67	-64	-62	-59	-59	
9440	100	102	102	103	105	106	106	106	105	103	9980	-85	-86	-88	-88	-88	-88	-87	-85	-83	-82	
9450	102	102	98	96	92	84	75	75	75	74	9990	-78	-80	-82	-82	-82	-82	-80	-81	-82	-85	
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9470	60	61	55	49	45	43	39	36	32	30	10010	-87	-90	-91	-93	-94	-95	-98	-101	-105	-109	
9480	32	32	31	30	29	24	19	14	10	3	10020	-112	-113	-114	-112	-108	-103	-98	-92	-85	-77	
9490	0	0	0	-5	-12	-17	-24	-28	-35	-39	10030	-24	-20	-17	-14	-13	-13	-13	-13	-13	-13	
9500	-42	-47	-51	-56	-63	-69	-74	-82	-86	-90	10040	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	
9510	-95	-102	-110	-115	-118	-118	-118	-118	-120	-122	10050	5	5	5	5	5	5	5	5	5	5	
9520	-122	-122	-121	-120	-120	-122	-125	-130	-137	-145	10060	7	14	17	20	21	23	25	31	33	32	
9530	-145	-142	-136	-132	-133	-130	-129	-129	-131	-134	10070	29	29	29	29	32	35	35	38	41	45	
9540	-130	-145	-153	-162	-169	-173	-175	-175	-175	-175	10080	50	53	57	64	66	66	66	69	71	71	
9550	-176	-177	-177	-179	-181	-183	-183	-184	-184	-184	10090	78	86	90	88	87	87	87	90	94	95	
9560	-185	-189	-189	-189	-189	-192	-193	-193	-189	-188	10100	96	98	105	106	106	108	109	109	109	109	109
9570	-185	-181	-174	-171	-163	-160	-154	-151	-144	-138	10110	108	99	99	99	98	96	91	90	87	84	
9580	-134	-129	-118	-112	-100	-91	-87	-74	-61	-54	10120	79	77	77	77	76	76	76	75	75	75	
9590	-48	-39	-28	-21	-7	0	8	16	24	32	10130	72	72	70	70	69	69	65	64	66	63	
9600	40	46	54	61	69	76	84	92	97	101	10140	62	59	56	54	52	50	50	50	50	46	
9610	102	103	112	113	114	114	115	116	121	127	10150	38	29	25	24	21	18	16	16	20	21	
9620	127	135	144	147	150	151	155	161	163	157	10160	22	25	28	30	33	35	34	34	34	34	
9630	152	154	153	152	152	154	156	159	159	161	10170	33	32	31	31	28	26	26	24	20	17	
9640	164	162	162	162	162	162	165	165	165	165	10180	15	14	15	13	11	10	9	10	10	7	
9650	162	154	145	143	140	138	135	132	127	122	10190	4	0	0	1	0	0	-4	-6	-7	-7	
9660	115	109	103	96	90	81	75	68	64	58	10200	-6	-5	-5	-4	-4	-4	-3	-3	-3	-3	

TO BE CONTINUED

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CONTINUED (S-1573 EAST)										CONTINUED (S-1573 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
10210	0	0	0	0	0	0	0	0	0	3	10750	77	74	68	63	61	60	61	61	61	59
10220	5	5	-17	-18	-18	-19	-21	-23	-25	-27	10760	58	57	51	40	36	35	30	23	23	24
10230	-12	-15	-39	-41	-44	-49	-52	-53	-52	-50	10770	23	22	20	16	14	12	10	10	9	7
10240	-30	-35	-43	-42	-44	-49	-52	-53	-52	-50	10780	6	5	4	2	2	2	2	2	0	0
10250	-43	-45	-49	-43	-42	-49	-52	-53	-52	-50	10790	0	0	-1	0	0	0	0	0	1	3
10260	-37	-37	-39	-42	-42	-40	-40	-40	-40	-40	10800	4	4	4	4	4	4	4	4	4	4
10270	-40	-40	-41	-42	-42	-46	-51	-52	-53	-55	10810	4	4	4	4	4	4	4	4	4	4
10280	-58	-62	-64	-63	-61	-59	-59	-60	-62	-64	10820	11	11	11	11	11	11	11	11	11	12
10290	-66	-70	-76	-68	-65	-60	-59	-60	-62	-64	10830	10	12	15	18	19	19	19	19	20	20
10300	-108	-112	-114	-112	-112	-109	-106	-103	-103	-103	10840	20	20	19	17	17	17	17	17	18	20
10310	-103	-104	-110	-113	-115	-115	-113	-107	-105	-103	10850	28	33	35	35	35	38	43	46	45	50
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10330	-53	-52	-50	-41	-34	-31	-22	-17	-11	-6	10870	87	88	90	90	93	94	94	95	96	96
10340	-1	2	12	17	21	24	30	33	34	38	10880	97	98	99	100	100	102	105	105	104	104
10350	41	42	46	45	49	51	54	61	61	61	10890	105	105	105	106	105	105	105	105	105	105
10360	61	61	59	57	52	47	42	40	44	47	10900	104	101	99	95	94	94	94	92	89	88
10370	47	46	42	43	46	48	49	51	54	56	10910	84	81	81	81	79	77	76	74	72	71
10380	57	52	52	52	51	47	41	41	37	32	10920	70	67	65	61	59	58	55	52	45	38
10390	28	22	17	14	13	11	6	2	1	1	10930	34	30	29	25	18	17	17	16	15	14
10400	2	2	1	1	1	2	4	4	4	4	10940	11	6	1	0	0	-5	-13	-19	-20	-24
10410	4	2	1	0	-6	-9	-9	-2	1	-1	10950	-28	-30	-30	-32	-33	-34	-35	-37	-40	-43
10420	-4	-6	-7	-7	-7	-6	-5	0	2	6	10960	-48	-49	-49	-52	-53	-55	-68	-72	-79	-86
10430	12	15	17	16	15	17	20	25	26	27	10970	-91	-93	-95	-98	-99	-101	-106	-108	-106	-107
10440	32	35	38	39	41	44	44	44	45	46	10980	-107	-111	-116	-120	-122	-124	-125	-126	-127	-128
10450	66	66	66	66	66	66	66	66	66	67	10990	-129	-130	-126	-122	-121	-120	-120	-120	-120	-118
10460	69	70	70	74	78	82	80	79	79	79	11000	-116	-115	-115	-116	-117	-119	-120	-120	-120	-118
10470	79	79	79	83	89	91	93	94	94	94	11010	-90	-89	-87	-85	-85	-83	-82	-82	-82	-82
10480	95	96	97	99	99	97	97	100	100	100	11020	-78	-72	-68	-66	-65	-65	-65	-60	-68	-67
10490	100	96	94	92	92	93	94	94	98	105	11030	-44	-40	-37	-34	-30	-28	-26	-23	-22	-20
10500	108	106	106	108	114	115	118	119	119	119	11040	-17	-14	-11	-9	-5	0	2	3	4	5
10510	118	119	119	119	118	112	108	104	102	101	11050	5	5	5	5	5	5	5	5	5	5
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10540	49	51	52	52	51	51	48	44	41	38	11080	-22	-22	-22	-23	-24	-24	-25	-27	-28	-29
10550	34	27	20	17	17	15	12	8	4	2	11090	-29	-32	-33	-32	-30	-29	-29	-28	-27	-26
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10570	-45	-50	-53	-53	-56	-58	-61	-63	-65	-67	11110	-10	-9	-7	-6	-5	-5	-4	-4	-3	0
10580	-68	-69	-69	-72	-75	-78	-80	-80	-81	-84	11120	0	0	0	0	0	0	0	0	0	0
10590	-88	-95	-102	-109	-114	-120	-125	-130	-135	-140	11130	0	0	0	0	0	0	0	0	0	0
10600	-145	-151	-157	-162	-167	-169	-172	-179	-185	-189	11140	-4	-2	-1	-1	-2	-2	-3	-3	-3	-4
10610	-191	-193	-195	-194	-189	-188	-188	-190	-193	-193	11150	5	11	14	16	16	16	17	17	19	20
10620	-192	-191	-189	-187	-187	-187	-187	-187	-187	-184	11160	5	11	14	16	16	16	17	17	19	20
10630	-179	-172	-170	-170	-169	-167	-165	-164	-164	-160	11170	21	22	23	24	24	24	24	24	24	25
10640	-168	-155	-145	-145	-145	-145	-145	-145	-145	-129	11180	25	25	25	26	29	30	31	31	30	30
10650	-125	-120	-117	-115	-114	-112	-109	-98	-94	-94	11190	30	30	30	30	30	30	30	30	30	31
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10670	-53	-48	-42	-38	-36	-34	-31	-24	-20	-17	11210	35	32	30	27	24	24	24	24	24	24
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10690	11	15	19	22	22	28	35	42	48	51	11230	14	11	8	5	7	8	11	12	11	11
10700	53	58	61	64	70	74	78	81	82	89	11240	11	8	3	1	-6	-7	-5	-2	0	2
10710	95	97	95	95	97	99	100	100	100	100	11250	2	2	1	0	0	5	6	6	5	4
10720	101	101	101	101	102	102	102	102	102	102	11260	3	1	0	0	-5	-5	-2	1	2	3
10730	102	102	102	102	102	102	102	102	102	102	11270	3	4	4	4	4	4	4	4	4	4
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TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1573 EAST)										CONTINUED(S-1573 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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11370	22	22	22	22	21	21	21	21	20	20	11910	-105	-105	-106	-105	-101	-101	-98	-98	-91	-86
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11460	-2	-2	-3	-7	-8	-8	-8	-8	-8	-11											
11470	-17	-21	-22	-23	-22	-21	-24	-29	-31	-33											
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11670	-64	-64	-65	-66	-69	-70	-66	-66	-68	-66											
11680	-74	-81	-83	-84	-87	-91	-92	-93	-94	-94											
11690	-95	-97	-100	-100	-107	-108	-110	-112	-114	-116											
11700	-116	-114	-114	-116	-118	-121	-121	-121	-117	-110											
11710	-108	-107	-107	-106	-103	-99	-99	-98	-97	-95											
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11750	8	15	22	25	30	37	40	37	68	51											
11760	58	65	68	73	78	83	86	89	91	94											
11770	95	94	96	99	102	104	106	110	115	119											
11780	121	122	122	122	122	126	130	131	131	131											
11790	130	130	129	130	134	135	133	134	136	138											
11800	140	145	150	152	148	144	140	136	134	133											
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11820	102	96	94	90	90	89	87	86	82	82											

END

TO BE CONTINUED

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SCALE = 0.10000																					
RECORDS = M-630 COMPONENT = NORW																					
DATE AND TIME = 1953-05-26-12-00																					
SAMPLING INTERVAL = 0.010 (SEC)																					
SIGNAL = GR. ACC.																					
CONNECTION POINT IN DATA NUMBER = 1804, 3602, 5406, 7211, 9000,																					
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10	-76	-76	-66	-65	-53	-38	-32	-34	-52	-56	500	-7	22	14	21	15	-5	-20	-25	-35	-49
20	-40	-58	-68	-73	-69	-56	-43	-50	-56	-56	510	-56	-55	-46	-30	-12	5	9	11	20	20
30	-55	-65	-76	-77	-76	-59	-38	-31	-17	2	520	20	28	34	43	51	57	64	62	65	48
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50	-59	-77	-88	-88	-87	-76	-59	-35	-15	-14	540	-85	-76	-77	-77	-74	-71	-60	-28	10	45
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70	0	1	-15	-26	-44	-44	-34	-44	-4	-8	560	-64	-54	-44	-47	-38	-22	-34	-37	-40	-13
80	21	14	-15	19	29	28	19	23	39	63	570	27	32	22	4	118	110	88	58	29	3
90	-9	0	11	13	16	-69	-68	-77	-33	-22	590	-14	-30	-41	-45	-44	-43	-31	-12	-2	1
100	74	72	43	13	16	-88	-81	-60	-31	28	600	10	3	-6	-12	-11	5	20	20	16	3
110	-87	-86	-87	-88	-87	-88	-81	-60	-31	28	610	-12	-26	-35	-27	0	29	27	14	2	-8
120	41	43	34	4	-19	-42	-44	-45	-32	5	620	10	-11	0	15	21	12	-4	-25	-41	-33
130	-23	-26	-43	-59	-73	-86	-75	-69	-23	-25	630	-61	-67	-66	-65	-66	-53	-30	-21	-29	-34
140	16	34	49	63	80	89	96	97	83	40	640	-33	-26	0	42	79	105	95	69	23	50
150	8	-8	-22	-26	-53	-71	-93	-86	-53	-40	650	-13	-38	-45	-44	-47	-65	-65	-99	-145	-143
160	-131	-128	-113	-96	-83	-61	-44	-22	-1	-7	660	-131	-113	-79	-38	-20	-1	19	43	67	81
170	-10	-22	-22	-10	0	4	14	20	11	-7	670	86	79	65	55	36	18	5	-10	-29	-46
180	-28	-41	-49	-56	-54	-41	-12	22	31	31	680	-65	-79	-88	-73	-49	-25	-1	23	37	50
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200	-77	-70	-77	-65	-63	-52	-74	-85	-71	-49	700	-12	-12	-11	-12	-11	-21	-20	-11	-10	10
210	-41	-29	-42	15	37	49	52	33	16	2	710	43	73	85	70	0	-1	-1	9	24	41
220	-22	-35	-46	-56	-55	-55	-55	-55	-64	-78	720	10	6	5	-1	0	1	5	-3	-28	-42
230	-86	-89	-80	-77	-74	-59	-45	-31	-12	5	730	56	64	65	62	47	30	16	5	-3	-28
240	23	43	61	54	58	21	6	-19	-48	-80	740	15	20	20	20	20	16	5	-44	-45	-42
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280	0	-34	-45	-36	-34	-33	-58	-75	-57	-40	780	-4	19	31	28	19	21	13	6	-10	-35
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310	-15	-12	1	28	41	42	41	46	54	43	810	-23	-21	-10	-11	-4	-21	-33	-29	-13	7
320	14	20	18	4	-13	-25	-33	-34	-28	-1	820	27	32	25	14	3	-1	0	8	19	30
330	20	20	18	4	-13	-23	-22	-23	-22	-23	830	45	58	58	65	72	79	86	85	85	85
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350	-29	-22	-22	-34	-34	-56	-45	-10	17	19	850	-87	-89	-86	-76	-62	-53	-45	-42	-23	-81
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400	-88	-85	-66	-42	-24	-25	-37	-51	-71	-87	900	-26	-77	-85	-89	-82	-59	-26	0	-13	-43
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440	-10	-23	-38	-45	-44	-44	-32	-21	21	56	940	57	52	53	59	68	81	96	81	53	40
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TO BE CONTINUED

TO BE CONTINUED

CONTINUED(M-630)											CONTINUED(M-630)										
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1390	75	46	14	-18	-54	-82	-85	-69	-54	31	1930	139	96	62	24	-21	-66	-115	-153	-127	-66
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1430	-113	-133	-156	-153	-128	-105	-73	-38	-37	-56	1970	-235	-281	-251	-215	-173	-136	-108	-79	-39	-7
1440	-66	-57	-45	-16	15	27	50	65	60	50	1980	38	89	119	74	-10	-74	-141	-160	-144	-58
1450	62	97	115	104	86	66	44	30	31	29	1990	20	-95	-143	-205	-259	-318	-343	-359	-313	-281
1460	21	12	15	23	30	31	28	16	1	-14	2000	-252	-324	-404	-488	-569	-649	-726	-802	-878	-954
1470	-23	-22	-13	-14	-30	-34	-33	-34	-45	-65	2010	-87	-40	-88	-119	-138	-159	-179	-196	-219	-249
1480	-95	-117	-100	-75	-51	-30	-22	-34	-19	-30	2020	214	204	210	217	212	192	174	146	126	110
1490	15	47	75	94	94	68	43	23	0	-29	2030	95	85	86	81	72	61	54	48	42	37
1500	-49	-70	-91	-99	-86	-74	-52	-43	-45	-43	2040	-283	-306	-295	-242	-234	-149	-88	-23	35	-77
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1520	48	35	1	-24	-44	-74	-60	-105	-107	-98	2060	-123	-180	-239	-280	-285	-252	-200	-153	-95	-59
1530	-99	-89	-78	-76	-77	-84	-106	-136	-152	-140	2070	-51	-54	-69	-91	-99	-84	-44	6	36	48
1540	-117	-97	-74	-54	-61	-85	-121	-133	-124	-89	2080	91	144	194	232	246	255	253	201	146	96
1550	-35	15	46	68	89	112	131	108	66	21	2090	44	21	32	61	9	-32	-84	-151	-116	-46
1560	-39	-55	-74	-84	-92	-106	-129	-160	-185	-172	2100	2	53	87	51	-9	-38	-74	-50	-43	100

TO BE CONTINUED

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CONTINUED (M-630)										CONTINUED (M-630)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2110	140	139	131	121	122	136	159	204			2650	368	386	402	417	416	386	351	309	256	190
2120	235	222	200	172	118	54	-9	-79	-88	-87	2660	128	41	-15	-38	-44	-30	-17	1	-19	-70
2130	-62	-67	-69	-95	-121	-140	-159	-163	-163	-163	2670	-128	-169	-191	-212	-212	-218	-192	-163	-119	-62
2140	-153	-149	-128	-95	-52	5	59	95	107	107	2680	-7	10	38	78	97	82	78	63	45	81
2150	109	101	92	67	28	-20	-69	-139	-187	-229	2690	113	149	196	199	149	117	74	26	50	50
2160	-289	-317	-301	-231	-171	-116	-38	0	0	21	2700	-33	-33	-33	-22	-22	-22	-21	-22	-22	-4
2170	-13	-41	-62	-66	-33	9	10	0	5	28	2710	119	148	157	166	173	180	193	217	246	267
2180	81	136	169	200	195	162	138	116	77	21	2720	281	295	305	298	277	231	181	107	44	-10
2190	-51	-117	-198	-278	-354	-382	-391	-388	-364	-323	2730	-68	-127	-177	-210	-249	-274	-283	-281	-283	-282
2200	-286	-232	-139	-70	-27	29	123	198	261	329	2740	-283	-282	-283	-275	-281	-242	-213	-169	-126	-86
2210	422	486	497	466	401	354	298	247	208	177	2750	-70	-54	-39	-26	-11	0	17	46	77	87
2220	117	18	-81	-168	-240	-300	-353	-357	-360	-333	2760	72	43	0	-21	-19	-5	8	22	33	11
2230	-283	-199	-110	-70	-62	-98	-135	-117	-64	8	2770	-24	-56	-88	-139	-192	-118	-183	-133	-86	-43
2240	75	139	206	251	272	261	220	181	156	145	2780	-31	-38	-46	-55	-49	-31	-9	13	20	9
2250	152	150	151	151	143	122	86	43	17	9	2790	0	-11	-10	-12	0	33	72	109	82	39
2260	17	50	94	145	195	243	283	294	287	281	2800	3	-33	-63	-77	-76	-76	-68	-47	-21	4
2270	281	290	302	291	258	205	161	110	81	49	2810	43	64	64	64	50	41	33	31	32	19
2280	30	21	-3	-58	-127	-200	-268	-332	-369	-381	2820	-9	-42	-84	-125	-173	-222	-263	-299	-332	358
2290	-280	-302	-259	-186	-131	-115	-108	-113	-122	-94	2830	-359	-358	-359	-350	-367	-377	-346	-340	-322	-309
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2310	-40	-50	-52	-17	33	79	119	147	149	97	2850	-109	-57	-52	32	73	102	108	107	108	107
2320	23	-15	-52	-91	-134	-173	-214	-213	-138	-85	2860	108	108	120	128	130	100	47	8	-43	-89
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2340	-150	-178	-194	-174	-135	-84	-37	-93	-11	-10	2880	139	172	184	178	151	115	86	95	127	164
2350	-11	-10	8	38	59	83	134	198	278	347	2890	173	151	112	83	65	52	54	52	56	74
2360	371	357	324	273	202	136	71	8	-17	-52	2900	92	106	114	121	128	141	166	208	256	302
2370	-95	-137	-195	-254	-391	-322	-334	-322	-279	-194	2910	339	348	341	308	268	233	210	192	176	161
2380	-119	-40	36	68	76	53	9	-33	-105	-160	2920	144	109	76	48	32	28	14	-27	-101	-160
2390	-217	-259	-286	-303	-295	-292	-294	-286	-257	-227	2930	-212	-250	-259	-249	-234	-223	-205	-195	-201	-213
2400	-171	-97	-27	48	113	169	200	220	228	223	2940	-226	-241	-251	-240	-213	-171	-113	-65	-8	38
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2420	-76	-67	-65	-79	-111	-115	-80	-75	-86	-126	2960	282	279	270	250	207	172	143	115	95	74
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2470	358	367	369	358	341	313	285	215	163	106	3010	38	71	107	147	173	193	217	244	284	322
2480	51	4	-36	-79	-120	-138	-151	-152	-153	-137	3020	317	292	247	181	133	192	35	-18	-82	-142
2490	-107	-86	-76	-76	-85	-82	-51	-7	19	21	3030	-179	-205	-227	-239	-238	-252	-273	-294	-335	-355
2500	15	-21	-62	-106	-127	-130	-118	-84	-33	14	3040	-367	-370	-355	-322	-301	-274	-248	-233	-193	-167
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2570	96	99	111	126	130	176	168	160	95	36	3110	129	159	180	195	205	208	217	215	217	204
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2600	-4	39	62	52	29	-2	-32	-114	-176	-172	3140	51	55	39	7	-60	-124	-195	-216	-217	-217
2610	-173	-137	-124	-83	-77	-95	-136	-163	-163	-135	3150	-201	-180	-154	-133	-130	-154	-163	-147	-130	-130
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2640	-138	-77	-12	43	92	143	195	254	297	340	3180	-180	-185	-184	-177	-168	-162	-164	-181	-194	-197

TO BE CONTINUED

TO BE CONTINUED

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
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3210	34	18	-11	-70	-125	-153	-145	-141	-133	-130	3750	-72	-22	46	97	141	137	37	-39	-99	
3220	-128	-120	-107	-68	-98	-107	82	80	50	19	3760	-163	-151	-126	-115	-62	-8	30	89	136	
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3300	8	10	10	2	51	53	30	69	95	109	3840	391	285	256	231	216	219	223	224	210	
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3320	-33	-25	0	17	21	20	29	43	59	73	3860	-103	-128	-147	-150	-153	-115	-12	60	142	
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3410	-137	-99	-68	-28	15	46	55	52	41	16	3950	-42	-1	-30	-94	-126	-207	-219	-203	-169	
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3470	-456	-446	-427	-427	-397	-367	-321	-289	-265	-225	4010	-19	7	27	53	85	116	150	187	215	
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3490	420	443	452	453	454	454	463	488	508	469	4030	-285	-299	-311	-311	-296	-286	-274	-255	-240	
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3510	-160	-197	-257	-321	-378	-426	-470	-477	-479	-465	4050	-108	-46	5	58	111	156	200	243	280	
3520	-421	-366	-280	-200	-140	-84	-36	-5	10	10	4060	292	293	285	267	245	224	205	198	217	
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3540	205	208	227	249	273	281	282	274	259	245	4080	-337	-142	-158	-163	-161	-162	-162	-158	-121	-110
3550	237	238	237	239	233	225	216	224	224	234	4090	-132	19	64	110	160	201	243	276	298	312
3560	315	351	389	422	453	465	458	464	464	464	4100	333	366	342	316	280	246	203	161	110	
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3610	-405	-453	-503	-531	-530	-502	-449	-402	-336	-290	4150	-87	-114	-116	-116	-60	20	77	141	175	
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3640	-178	-185	-182	-156	-130	-109	-95	-79	-93	-105	4180	-357	-400	-426	-437	-445	-443	-444	-418	-355	-306
3650	-144	-188	-203	-197	-166	-128	-72	3	91	79	4190	-263	-193	-88	33	168	210	246	284	309	321
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3670	-298	-341	-384	-400	-402	-393	-379	-360	-311	-258	4210	330	314	268	211	228	227	239	219	175	133
3680	-180	-75	30	98	166	198	190	149	85	33	4220	91	31	-40	-103	-205	-245	-260	-267	-276	-278
3690	16	5	3	12	34	62	99	143	140	116	4230	-286	-297	-310	-321	-323	-324	-326	-324	-314	-312
3700	88	69	65	81	97	63	0	-55	-84	-114	4240	-694	-268	-230	-203	-192	-209	-238	-266	-294	-319
3710	-167	-223	-274	-317	-340	-360	-354	-321	-266	-219	4250	-344	-355	-358	-359	-286	-237	-188	-147	-121	-118
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TO BE CONTINUED

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NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)			
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4290	-183	-143	-126	-91	-62	-34	6	43	78	112			-238	-238	-237	-236	-226	-208	-208	-187	-166	-145	
4300	144	195	251	314	346	405	450	467	466	432			123	107	-98	-96	-97	-96	-97	-96	-106	-133	
4310	380	340	305	275	250	229	205	189	177	164			-151	-162	-197	-243	-276	-304	-325	-349	-408	-478	
4320	146	117	64	19	11	5	-12	-37	-63	-87			-623	-634	-430	-619	-600	-375	-350	-313	-283	-253	
4330	-107	-128	-140	-173	-203	-205	-205	-187	-156	-124			-218	-176	-139	-102	-59	-15	36	85	131	166	
4340	-83	-66	-79	-93	-93	-75	-38	14	57	104			196	216	227	219	200	186	175	173	174	174	
4350	164	259	292	333	358	357	359	350	337	306			165	148	131	110	39	63	47	22	4	-58	
4360	253	211	159	116	83	40	7	-19	-39	-43			-77	-106	-130	-159	-126	-99	-99	-70	-21	21	
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4380	169	174	170	140	38	35	-14	-41	-45	-24			4920	4	58	3	22	22	22	20	10	12	
4390	-9	-10	-11	-25	-41	-45	-55	-39	-2	15			4930	7	0	0	26	40	57	72	82	99	
4400	30	32	34	28	24	35	51	67	57	22			114	131	142	151	141	138	129	129	131	129	
4410	-17	-49	-31	-86	-86	-86	-86	-86	-61	-31			4950	138	141	138	123	110	92	70	50	34	
4420	2	37	75	100	109	117	123	137	153	169			4960	12	-6	-23	-44	-59	-74	-85	-86	-85	
4430	182	189	198	182	150	109	71	37	15	3			4970	-87	-83	-71	-55	-41	-21	-2	14	23	
4440	0	0	-22	-66	-108	-133	-141	-150	-152	-146			4980	22	19	4	-14	-46	-103	-147	-183	-218	
4450	-139	-141	-159	-141	-129	-104	-72	-56	23	72			4990	-258	-281	-281	-281	-260	-235	-211	-187	-168	
4460	121	132	113	86	59	35	-1	-55	-71	-123			5000	-153	-139	-135	-117	-100	-97	-87	-51	31	
4470	-171	-193	-194	-195	-190	-177	-153	-136	-119	-104			-4	9	24	46	84	121	154	184	210	229	
4480	-79	-48	-7	22	33	33	41	64	99	131			239	235	224	214	203	190	176	160	144	141	
4490	153	163	163	163	163	163	162	170	178	190			5030	141	141	141	148	157	171	185	199	213	
4500	199	217	242	269	276	270	264	241	204	147			5040	217	210	210	201	193	183	168	150	132	
4510	77	-2	-82	-151	-214	-268	-301	-323	-336	-335			5050	92	72	50	30	15	5	-5	-18	-29	
4520	336	332	320	303	277	252	227	198	183	184			5060	-54	-63	-65	-64	-64	-64	-64	-64	-65	
4530	-183	-191	-197	-205	-205	-184	-147	-93	-25	38			5070	-53	-44	-42	-38	-25	-12	2	12	26	
4540	112	177	226	260	316	388	421	408	376	320			5080	60	76	85	92	98	98	94	82	75	
4550	276	249	214	156	92	65	25	-31	-89	-147			5090	45	30	14	-3	-25	-67	-101	-114	-128	
4560	-140	-190	-242	-14	56	64	69	30	7	-9			5100	-145	-156	-174	-190	-206	-217	-229	-243	-260	
4570	-30	-72	-113	-141	-153	-163	-162	-113	-93	-80			5110	-294	-317	-332	-356	-374	-385	-394	-404	-418	
4580	-68	-70	-110	-144	-192	-234	-239	-223	-198	-180			5120	-242	-235	-234	-232	-235	-232	-232	-234	-238	-260
4590	-163	-167	-186	-223	-266	-281	-282	-273	-295	-251			5130	-160	-141	-149	-143	-163	-151	-151	-144	-139	
4600	-237	-211	-187	-177	-172	-173	-173	-168	-147	-125			5140	-195	-194	-195	-187	-183	-166	-177	-191	-195	
4610	-95	-56	-14	23	51	74	84	97	85	68			5150	-107	-98	-92	-85	-86	-86	-86	-91	-103	
4620	54	16	-27	-59	-79	-85	-77	-64	-48	-30			5160	-120	-127	-137	-140	-149	-141	-116	-87	-54	
4630	-11	1	-14	-49	-62	-65	-57	-25	25	85			5170	-47	-55	-64	-64	-64	-52	-37	-15	12	
4640	148	195	207	215	223	232	239	239	221	188			5180	65	82	105	121	139	151	163	177	192	
4650	165	166	178	196	223	244	263	283	293	293			5190	216	227	232	242	249	250	250	249	250	
4660	281	256	250	243	238	222	191	149	116	91			5200	258	260	261	256	249	239	239	239	243	
4670	63	39	15	-1	-18	-36	-67	-95	-111	-120			5210	259	265	265	265	250	240	239	239	246	
4680	-128	-130	-130	-118	-92	-56	-42	-64	-101	-124			5220	206	206	207	205	212	217	219	228	236	
4690	-117	-108	-70	-63	-62	-64	-65	-63	-82	-105			5230	269	281	282	282	282	282	282	282	282	
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4720	-9	-11	0	12	36	69	101	135	163	195			5260	218	208	192	186	171	160	149	99	83	
4730	220	256	280	283	277	258	220	175	141	108			5270	47	32	19	174	-16	-51	-55	-111	-147	
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4750	-183	-160	-128	-104	-99	-120	-136	-155	-171	-169			5290	-289	-301	-313	-323	-325	-324	-268	-262	-277	
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4770	39	44	44	44	38	26	14	7	-5	-24			5310	-347	-346	-347	-345	-350	-357	-357	-344	-326	
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4790	-118	-119	-116	-104	-82	-47	-13	30	65	102			5330	-165	-143	-123	-109	-93	-75	-56	-41	-20	
4800	145	198	242	278	297	313	326	335	344	349			5340	0	-4	-24	-49	-72	-101	-130	-157	-202	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630)											CONTINUED (M-630)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5350	-205	-209	-222	-237	-247	-258	-260	-259	-260	-253	5890	66	72	81	88	87	89	79	56	31	15
5360	-237	-231	-211	-205	-205	-205	-205	-206	-216	-215	5900	12	12	12	12	12	11	16	23	24	34
5370	-218	-211	-207	-192	-148	-124	-104	-85	-67	-51	5910	33	34	33	34	35	34	35	20	3	-6
5380	-34	73	18	44	55	53	61	70	78	86	5920	-23	-42	-62	-81	-98	-116	-120	-129	-128	-129
5390	86	73	65	49	36	21	-2	-17	-19	-1	5930	-128	-129	-121	-116	-118	-117	-118	-117	-118	-110
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5410	194	210	227	244	254	265	274	282	290	299	5950	-95	-85	-84	-96	-114	-122	-129	-129	-129	-128
5420	305	304	305	305	305	305	305	304	306	306	5960	-128	-128	-128	-128	-129	-127	-135	-140	-146	-154
5430	297	285	271	252	234	218	218	226	245	256	5970	-161	-161	-161	-161	-161	-160	-162	-158	-149	-150
5440	268	273	272	272	262	262	254	250	251	251	5980	-150	-139	-117	-103	-92	-81	-74	-74	-75	-83
5450	250	256	263	270	280	295	305	313	316	308	5990	-100	-125	-155	-175	-185	-195	-203	-205	-204	-204
5460	302	292	279	261	247	226	195	179	159	148	6000	-204	-204	-204	-204	-204	-194	-193	-193	-194	-191
5470	130	101	78	48	15	0	-8	-9	-10	-2	6010	-170	-144	-123	-98	-79	-63	-48	-40	-31	-30
5480	2	1	9	9	12	12	12	12	12	12	6020	-31	-30	-30	-21	-20	-11	-8	-14	-27	-40
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5500	-148	-172	-187	-206	-216	-218	-213	-199	-196	-188	6040	-62	-60	-31	-31	-31	-31	-31	-31	-31	-30
5510	-165	-156	-117	-116	-117	-118	-117	-117	-117	-117	6050	-51	-50	-31	-23	-11	2	19	30	35	24
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5540	-42	-56	-84	-111	-130	-144	-160	-170	-181	-192	6080	92	113	128	141	159	173	177	191	199	210
5550	-209	-222	-233	-238	-238	-236	-237	-236	-237	-236	6090	218	228	229	230	223	218	211	206	197	180
5560	-237	-236	-238	-232	-224	-211	-181	-160	-138	-119	6100	169	156	154	147	142	135	131	125	119	120
5570	-92	-52	-20	2	11	20	24	22	28	46	6110	108	99	88	77	67	66	67	65	72	88
5580	62	79	99	109	118	122	130	142	142	152	6120	110	129	146	161	171	178	192	197	196	196
5590	141	118	98	76	61	48	40	32	47	64	6130	196	196	197	196	198	187	168	155	140	127
5600	72	77	84	90	103	110	109	110	110	109	6140	115	108	95	88	79	76	67	66	66	66
5610	110	109	111	95	50	25	-8	-43	-74	-88	6150	75	82	95	98	104	111	109	110	109	102
5620	-103	-108	-100	-83	-70	-60	-49	-39	-30	-21	6160	94	88	88	88	88	99	99	102	109	98
5630	-10	0	10	17	30	45	55	54	40	29	6170	86	74	62	45	29	15	16	23	34	43
5640	31	11	1	2	-6	-9	-9	-13	-21	-21	6180	-51	-57	-68	-75	-88	-103	-121	-128	-134	-147
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5670	-129	-132	-144	-152	-161	-161	-171	-172	-171	-162	6210	-107	-101	-92	-82	-74	-74	-75	-70	-60	-40
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5690	-161	-161	-161	-161	-161	-161	-161	-161	-161	-161	6230	37	32	34	33	34	24	23	22	25	34
5700	-161	-161	-161	-161	-161	-161	-161	-161	-161	-161	6240	44	64	81	98	115	127	134	147	154	152
5710	-153	-145	-131	-117	-103	-91	-79	-67	-62	-52	6250	153	153	153	145	139	131	132	124	120	121
5720	-43	-37	-30	-31	-30	-39	-60	-85	-108	-135	6260	120	120	120	120	120	120	120	120	120	121
5730	-159	-180	-201	-221	-235	-239	-250	-259	-258	-259	6270	120	121	115	109	110	109	110	109	110	101
5740	-258	-259	-252	-247	-240	-223	-214	-196	-175	-161	6280	83	62	41	20	0	-17	-60	-58	-77	-86
5750	-167	-135	-128	-121	-116	-118	-117	-118	-108	-104	6290	-103	-121	-143	-163	-174	-188	-206	-224	-237	-232
5760	-106	-96	-96	-94	-96	-96	-96	-96	-95	-100	6300	-65	-71	-79	-83	-83	-80	-80	-80	-80	-80
5770	-110	-116	-123	-129	-138	-128	-129	-125	-116	-108	6310	-112	-112	-112	-112	-112	-112	-112	-112	-112	-112
5780	-107	-105	-96	-90	-81	-68	-55	-34	-21	-12	6320	-229	-220	-212	-200	-184	-164	-141	-128	-128	-129
5790	-9	-6	2	0	7	13	22	33	34	35	6330	-124	-112	-92	-71	-48	-23	0	25	50	70
5800	34	34	34	32	39	45	58	86	108	122	6340	99	125	138	149	153	153	153	152	142	127
5810	130	139	147	157	167	173	181	186	186	185	6350	118	110	109	110	109	111	104	98	89	88
5820	186	185	177	170	163	156	151	144	136	130	6360	79	77	72	64	71	84	95	109	124	138
5830	122	120	120	126	137	148	161	169	176	173	6370	159	171	180	185	192	198	195	197	191	180
5840	179	186	185	187	196	197	196	196	196	196	6380	166	152	133	115	101	84	74	57	42	31
5850	196	196	196	196	196	196	196	196	196	196	6390	19	3	-13	-26	-38	-42	-41	-42	-52	-62
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5870	152	153	143	140	131	130	120	121	118	109	6410	-63	-54	-52	-52	-55	-64	-72	-74	-74	-74
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TO BE CONTINUED

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CONTINUED (M-630)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
6430	-129	-136	-150	-159	-171	-172	-171	-172	-163	-161	
6440	-154	-149	-151	-144	-132	-120	-111	-107	-102	-95	
6450	-85	-72	-61	-40	-19	-3	9	12	12	12	
6460	12	12	12	11	13	7	1	1	-7	-9	
6470	-8	-9	-1	2	1	1	1	1	2	12	
6480	11	17	23	27	35	33	34	33	36	55	
6490	76	109	126	157	148	157	164	164	164	164	
6500	164	164	162	153	139	151	151	151	150	118	
6510	109	97	89	79	77	77	77	76	81	88	
6520	88	95	110	121	130	130	119	106	89	79	
6530	69	61	51	39	33	28	18	11	0	-8	
6540	-17	-20	-26	-36	-42	-41	-41	-41	-41	-41	
6550	-42	-41	-43	-55	-50	-82	-91	-96	-96	-89	
6560	-73	-61	-45	-39	-9	2	1	1	1	1	
6570	-13	-20	-20	-19	30	-20	-13	-5	8	13	
6580	11	12	11	19	30	41	45	43	50	61	
6590	71	80	88	88	88	88	88	87	96	99	
6600	98	99	98	99	98	88	88	88	88	88	
6610	88	88	88	88	88	88	88	87	89	81	
6620	76	76	67	59	67	44	35	35	35	34	
6630	35	42	44	49	56	55	55	55	55	54	
6640	12	-5	-12	-19	-30	-42	-49	-58	-71	-82	
6650	-87	-99	-113	-134	-134	-149	-160	-161	-161	-161	
6660	-170	-173	-170	-178	-183	-190	-194	-203	-203	-193	
6670	-193	-182	-170	-155	-140	-111	-82	-60	-51	-53	
6680	-52	-53	-67	-94	-120	-146	-165	-172	-171	-179	
6690	-191	-201	-212	-216	-215	-214	-205	-197	-185	-85	
6700	-169	-155	-149	-137	-129	-122	-117	-111	-98	-85	
6710	-71	-64	-57	-51	-53	-52	-53	-45	-40	-34	
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6730	77	77	77	77	77	77	76	65	51	33	
6740	18	6	1	0	5	12	17	25	31	39	
6750	45	54	56	51	55	55	55	55	54	67	
6760	40	35	31	21	24	17	11	12	12	12	
6770	12	20	28	37	45	55	74	77	86	88	
6780	87	88	88	89	89	102	107	120	164	163	
6790	165	156	153	150	137	128	114	100	86	75	
6800	62	47	35	24	15	8	1	-1	-9	-13	
6810	-21	-19	-20	-20	-19	-10	-1	1	5	14	
6820	25	36	44	53	67	76	87	88	87	94	
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6850	79	88	87	88	86	77	77	77	70	61	
6860	48	34	24	5	1	-6	-10	-6	1	1	
6870	-9	-7	-9	-9	-9	-9	-9	-9	-9	-9	
6880	-9	-8	-7	-20	-26	-40	-60	-86	-110	-124	
6890	-129	-128	-130	-140	-158	-145	-151	-149	-151	-147	
6900	-138	-130	-128	-128	-128	-128	-128	-128	-128	-128	
6910	-129	-124	-117	-118	-117	-118	-117	-113	-111	-102	
6920	-92	-81	-73	-74	-74	-74	-73	-81	-86	-84	
6930	-86	-83	-91	-96	-100	-108	-105	-108	-96	-83	
6940	-58	-27	-5	15	27	35	45	55	63	71	
6950	80	87	95	100	97	102	110	109	110	109	
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TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
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7520	-150	-148	-153	-170	-185	-176	-185	-193	-202	-202	8060
7530	-217	-224	-237	-235	-236	-235	-237	-237	-234	-224	8070
7540	-226	-216	-214	-210	-198	-185	-174	-170	-175	-167	8080
7550	-159	-160	-160	-160	-160	-160	-160	-160	-160	-159	8090
7560	-183	-171	-171	-170	-177	-183	-181	-190	-193	-192	8100
7570	-193	-192	-192	-192	-192	-193	-192	-193	-185	-181	8110
7580	-182	-182	-176	-170	-171	-170	-171	-161	-160	-160	8120
7590	-160	-160	-159	-161	-154	-149	-142	-137	-130	-127	8130
7600	-120	-110	-98	-87	-77	-66	-58	-50	-52	-43	8140
7610	-41	-39	-28	-11	11	29	42	45	50	58	8150
7620	54	64	66	71	78	86	89	91	100	101	8160
7630	111	109	117	122	121	121	121	121	121	121	8170
7640	121	121	122	116	109	112	103	99	100	100	8180
7650	91	88	89	88	89	89	87	78	78	78	8190
7660	78	77	82	89	88	89	89	89	88	91	8200
7670	100	99	101	110	110	110	110	110	110	110	8210
7680	111	109	98	89	81	77	78	77	69	59	8220
7690	56	45	46	37	34	35	44	45	48	59	8230
7700	65	70	78	78	78	78	78	78	77	78	8240
7710	69	67	63	55	57	52	44	46	42	33	8250
7720	35	27	23	23	24	20	12	15	12	13	8260
7730	12	23	23	27	35	42	54	58	68	75	8270
7740	82	89	89	88	94	101	99	100	99	100	8280
7750	99	107	112	119	124	131	136	143	143	142	8290
7760	148	155	153	154	153	154	154	154	154	154	8300
7770	154	154	154	154	154	154	154	154	152	152	8310
7780	142	143	142	144	137	131	132	132	125	120	8320
7790	122	120	122	115	110	111	110	110	110	101	8330
7800	99	100	99	100	99	100	99	100	99	100	8340
7810	99	100	97	88	89	89	83	75	69	58	8350
7820	46	34	19	8	1	2	2	2	2	2	8360
7830	-2	0	-7	-9	-18	-22	-30	-30	-30	-28	8370
7840	-34	-41	-40	-53	-29	-30	-29	-30	-30	-39	8380
7850	-55	-62	-70	-76	-86	-95	-104	-112	-123	-159	8390
7860	-137	-138	-138	-138	-138	-138	-139	-137	-144	-150	8400
7870	-149	-159	-160	-160	-160	-160	-160	-160	-160	-160	8410
7880	-160	-160	-160	-160	-160	-160	-160	-160	-160	-160	8420
7890	-171	-171	-171	-170	-179	-182	-181	-182	-181	-180	8430
7900	-181	-182	-181	-182	-179	-170	-171	-161	-160	-160	8440
7910	-160	-160	-160	-160	-160	-160	-160	-160	-160	-160	8450
7920	-160	-160	-159	-167	-172	-170	-174	-182	-181	-182	8460
7930	-182	-182	-182	-182	-182	-182	-181	-172	-170	-162	8470
7940	-158	-148	-138	-131	-121	-116	-116	-116	-116	-126	8480
7950	-117	-116	-108	-105	-95	-96	-90	-84	-81	-71	8490
7960	-64	-34	-44	-35	-38	-44	-45	-51	-57	-65	8500
7970	22	32	55	55	33	41	45	51	57	60	8510
7980	69	65	71	78	77	78	77	86	89	90	8520
7990	100	99	101	109	113	122	121	121	123	133	8530
8000	131	133	131	138	143	147	155	152	161	165	8540
8010	164	165	164	165	165	165	165	165	165	164	8550
8020	165	157	153	154	154	154	154	154	154	153	8560
8030	156	165	165	165	165	165	165	165	165	164	8570
8040	165	163	154	148	139	130	116	99	91	84	8580

TO BE CONTINUED

TO BE CONTINUED

RECORD = M-630 COMPONENT = ED8N STATION = HAKODATE-M
 DATE AND TIME = 1983-05-26-12-00 TOTAL NUMBER OF DATA = 9000
 SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 SIGNAL = GR. ACC. CONNECTION POINT IN DATA NUMBER = 1804, 3601, 5404, 7207, 9000.

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8600	23	27	37	44	51	57	48	33	20	8
8610	2	2	2	4	-8	-16	-31	-45	-61	-66
8620	-74	-81	-85	-83	-84	-84	-84	-83	-85	-89
8630	-83	-73	-61	-63	-61	-61	-61	-62	-61	-51
8640	-33	-63	-61	-67	-73	-73	-72	-79	-84	-91
8650	-56	-94	-96	-85	-84	-76	-73	-66	-61	-63
8660	-62	-63	-62	-62	-62	-62	-62	-62	-62	-62
8670	-63	-62	-63	-57	-51	-51	-51	-52	-51	-52
8680	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51
8690	-51	-51	-52	-51	-53	-53	-53	-45	-41	-38
8700	-10	-23	-18	-19	-19	-13	-7	-8	1	2
8710	2	2	2	2	1	2	-5	-9	-8	-8
8720	-8	-8	-7	-16	-19	-19	-19	-19	-19	-19
8730	-19	-19	-19	-19	-9	-4	3	10	2	13
8740	12	20	24	23	23	24	2	-5	-9	-8
8750	2	2	2	2	2	2	-2	-5	-9	-8
8760	-8	-3	-8	-7	-13	-21	-28	-32	-60	-62
8770	-52	-50	-57	-63	-62	-63	-62	-62	-62	-62
8780	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62
8790	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62
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8810	-94	-95	-95	-94	-96	-92	-84	-84	-85	-80
8820	-73	-70	-61	-63	-62	-63	-62	-62	-62	-62
8830	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62
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8850	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62
8860	-63	-59	-50	-52	-50	-43	-35	-23	-18	-18
8870	-20	-13	-22	-32	-46	-52	-52	-50	-41	-38
8880	-28	-20	-11	-4	7	13	13	13	13	12
8890	20	25	23	24	22	31	34	40	46	45
8900	43	34	35	34	34	27	17	12	15	13
8910	13	22	33	36	45	45	49	60	66	69
8920	77	84	89	88	89	89	88	95	101	93
8930	88	89	88	89	89	89	89	89	89	89
8940	88	88	88	88	88	88	88	88	88	88
8950	99	100	99	99	99	99	99	99	99	99
8960	99	100	99	99	99	99	99	99	99	99
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8980	89	89	89	89	89	89	89	89	89	89
8990	88	89	85	73	65	55	46	37	26	18

END

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20	50	66	75	66	63	52	34	18	-15	-34
30	-61	-84	-96	-104	-88	-77	-68	-64	-62	-40
40	-23	-15	-14	-20	-26	-24	-25	-24	-16	-8
50	-11	10	18	23	26	23	17	2	-20	-32
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70	-7	-16	-13	-19	-31	-42	-45	-42	-34	-4
80	-35	-34	-35	-43	-45	-44	-49	-65	-75	-17
90	-53	-36	-26	-5	27	50	69	86	104	110
100	108	93	61	16	-5	-38	-69	-93	-109	-114
110	-115	-124	-124	-124	-124	-124	-119	-102	-75	-5
120	-54	-24	8	-7	76	71	65	63	65	58
130	-62	14	-1	-47	-76	-102	-118	-125	-119	-111
140	-91	-74	-57	-33	-9	30	59	93	118	134
150	133	134	99	68	28	9	-40	-64	-82	-106
160	-122	-135	-134	-135	-132	-120	-101	-82	-62	-40
170	-8	23	50	63	70	75	73	75	68	44
180	22	-7	-28	-62	-54	-55	-55	-53	-31	-6
190	10	14	15	8	3	6	14	33	67	62
200	32	7	35	-67	-85	-79	-74	-78	-89	-9
210	-121	-129	-111	-91	-69	-31	72	41	32	2
220	7	3	10	-15	-24	-25	-25	-25	-25	-24
230	-32	-35	-34	-35	-34	-26	-24	-24	-7	4
240	4	4	4	3	-27	-56	-73	-84	-76	-52
250	-25	3	25	9	-31	-56	-57	-43	-11	32
260	40	44	34	34	34	34	34	22	2	-11
270	-15	-14	-19	-32	-36	-46	-60	-32	-10	16
280	36	18	-25	-47	-73	-72	-59	-51	-44	-65
290	-45	-44	-45	-40	-18	6	50	49	64	64
300	63	50	42	32	20	15	4	-5	-11	-16
310	-22	-26	-34	-32	-6	13	6	-12	-24	-32
320	-41	-45	-38	-27	8	28	44	43	31	9
330	10	18	32	36	14	-13	-36	-47	-53	-39
340	-19	-5	-6	-15	-39	-44	-45	-41	-27	9
350	4	1	-6	-25	-39	-48	-44	-45	-41	-27
360	-27	-47	-76	-89	-102	-93	-79	-48	-22	2
370	37	55	65	63	65	50	35	23	7	12
380	17	26	31	23	10	5	17	38	60	71
390	75	56	35	6	-20	-36	-57	-81	-94	-84
400	-52	-26	-14	-15	-14	-20	-32	-61	-52	-61
410	-70	-64	-58	-36	-16	-1	15	22	55	44
420	44	44	44	44	44	44	44	44	44	44
430	50	21	-2	-26	-44	-44	-44	-44	-44	-44
440	-51	-57	-64	-65	-64	-64	-64	-64	-64	-64
450	-38	-27	-25	-33	-34	-35	-34	-35	-34	-25
460	-19	-14	-15	-14	-15	-3	5	13	15	14
470	15	14	15	7	3	8	21	34	33	23
480	2	-31	-48	-55	-69	-72	-58	-40	2	24

TO BE CONTINUED

CONTINUED (M-630 E08N)										
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500	21	6	-8	-21	-33	-35	-35	-34	-39	-66
510	-29	15	44	55	27	55	-14	-36	-55	-55
520	-16	-28	-17	-14	-15	-22	-44	-54	-53	-47
530	49	10	40	57	79	83	56	59	20	0
540	-14	-37	-46	-41	-28	-33	-48	-62	-68	-74
550	74	32	-18	1	4	5	0	5	3	12
560	29	35	23	5	-15	-37	-51	-56	-50	-44
570	-45	-44	-45	-37	-33	-14	12	37	41	25
580	33	61	89	86	54	33	10	-7	-21	-30
590	-24	-13	-4	-3	5	4	0	-8	0	-8
600	11	41	67	81	84	85	72	36	2	-8
610	1	8	14	5	0	-20	-41	-60	-66	-56
620	-20	-4	9	15	2	-5	-14	-3	11	20
630	38	44	45	35	6	-12	-10	11	25	34
640	22	-7	-28	-37	-64	-37	-31	-24	-32	-35
650	-34	-25	-25	-22	-37	-64	-78	-73	-90	-37
660	-11	3	12	0	-14	-24	-4	13	14	13
670	8	3	5	-15	-14	-17	-24	-26	-34	-35
680	-29	-24	-24	-29	-35	-35	-32	-18	-5	4
690	72	21	33	46	61	79	91	103	103	106
700	84	54	37	13	5	4	6	20	38	58
710	85	69	48	36	34	34	33	23	48	77
720	91	89	72	54	33	10	-2	-15	-28	-41
730	-53	-62	-65	-73	-76	-86	-80	-75	-68	-35
740	-28	-8	13	33	45	44	44	51	55	51
750	45	42	34	20	8	1	-6	-17	-36	-48
760	-56	-47	-40	-17	3	11	15	14	15	8
770	2	-14	-28	-35	-33	3	34	50	65	54
780	22	4	-10	-22	-27	-25	-18	0	-21	-50
790	-62	-54	-35	-14	1	16	25	19	9	-5
800	6	-26	-48	-68	-63	-37	-20	7	34	45
810	31	13	3	-5	0	8	15	14	15	13
820	16	23	40	69	82	85	82	61	43	34
830	22	14	-59	-41	-23	-6	15	31	48	63
840	62	46	26	6	-7	-23	-38	-46	-41	-34
850	-21	-6	2	-22	-52	-70	-80	-102	-102	-105
860	-100	-81	-72	-65	-59	-49	-40	-32	-32	-7
870	8	23	23	13	-10	-45	-54	-58	-66	-46
880	-10	4	5	-4	-18	-24	-25	-13	7	31
890	44	45	35	10	-8	-14	-6	-1	16	16
900	34	49	65	53	8	-23	-65	-62	-54	-20
910	17	62	80	87	66	53	61	91	113	121
920	77	63	15	5	-28	-47	-56	-61	-73	-75
930	-74	-75	-67	-49	-33	134	134	134	127	96
940	100	119	154	133	134	134	134	134	127	96
950	69	62	72	68	27	-1	-31	-32	-18	18
960	50	77	85	82	59	33	19	9	22	33
970	15	-17	-42	-73	-103	-126	-105	-64	-40	-33
980	-36	-70	-97	-92	-81	-73	-83	-8	22	52
990	29	0	-16	6	31	35	31	18	9	1
1000	-7	-20	-36	-45	-38	0	33	68	91	94
1010	93	86	79	74	69	62	55	43	32	24
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TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630)										CONTINUED (M-630)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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1580	-112	-94	-111	-131	-128	-128	-72	-31	1	16	2120	-67	-43	-9	19	43	47	52	58	65	95
1590	60	98	124	135	131	117	83	54	27	8	2130	141	174	173	151	107	70	49	47	57	66
1600	3	-4	-6	-37	-53	-82	-101	-113	-109	-95	2140	73	81	98	109	94	61	10	-21	-81	-151
1610	-81	-64	-48	-40	-37	-59	-81	-101	-115	-134	2150	-167	-149	-139	-137	-169	-167	-211	-263	-252	-219
1620	-104	-75	-51	-42	-34	-40	-46	-43	-49	-59	2160	-161	-181	-21	45	106	204	270	263	245	244
1630	-71	-87	-106	-53	1	59	69	106	124	135	2170	222	170	131	107	95	104	103	78	50	24
1640	163	194	214	231	220	156	100	33	-16	-69	2180	5	-25	-69	-109	-122	-65	-6	49	121	136
1650	-115	-100	-80	-80	-107	-132	-151	-160	-165	-161	2190	82	41	12	-23	-59	-94	-118	-129	-142	-139
1660	-153	-143	-127	-88	-52	-24	13	43	56	89	2200	-176	-181	-187	-192	-189	-172	-148	-95	-32	23
1670	104	77	26	-2	-6	-1	-38	-75	-107	-177	2210	67	132	197	216	218	228	241	264	292	320
1680	-140	-188	-231	-241	-244	-244	-254	-269	-273	-276	2220	357	395	402	337	294	219	154	96	11	-4
1690	-56	-224	-176	-118	-90	-47	-4	26	53	50	2230	24	36	36	10	-45	-40	-157	-210	-217	-195
1700	42	25	7	0	7	29	55	53	23	27	2240	-157	-109	-87	-75	-62	-47	-33	-32	-25	-15
1710	-37	-69	-98	-138	-173	-251	-282	-265	-254	-222	2250	-5	26	66	103	145	182	201	199	177	160
1720	-194	-156	-93	-15	0	45	64	64	59	53	2260	126	89	64	45	32	20	2	-14	-25	-32
1730	54	55	43	15	52	80	91	99	104	102	2270	-19	-10	7	33	52	67	80	90	100	107
1740	71	31	5	6	29	51	68	84	122	135	2280	104	82	63	12	-29	-76	-115	-138	-167	-205
1750	183	175	157	99	40	6	-40	-53	-74	-104	2290	-231	-258	-284	-292	-301	-297	-277	-258	-235	-189
1760	-133	-168	-200	-233	-266	-284	-284	-269	-246	-201	2300	-141	-80	0	79	121	185	230	192	135	168
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1780	-10	-26	-55	-87	-56	3	26	12	-9	-28	2320	-207	-183	-158	-130	-113	-102	-84	-65	-43	-5
1790	-45	-43	-34	-7	23	35	20	0	20	15	2330	61	123	184	238	263	276	285	286	278	241
1800	14	14	-27	-78	-121	-151	-201	-254	-260	-212	2340	196	126	62	23	0	7	23	37	37	28
1810	-153	-134	-144	-196	-200	-203	-187	-125	-67	-26	2350	-4	-12	-13	0	44	63	78	91	116	132
1820	-1	26	52	87	129	182	223	245	263	285	2360	127	79	37	3	-16	-37	-37	-8	10	31
1830	288	258	227	175	115	66	23	13	45	35	2370	37	37	37	3	36	38	35	59	96	107
1840	59	-8	-10	9	23	45	55	49	40	39	2380	107	104	80	95	131	182	210	212	165	90
1850	8	78	97	117	144	156	155	139	119	101	2390	16	-46	-132	-226	-294	-302	-279	-281	-282	-292
1860	76	53	30	7	-9	-23	-58	-77	-94	-111	2400	-292	-301	-300	-300	-301	-299	-306	-334	-343	-314
1870	-106	-63	-24	13	34	50	110	124	79	43	2410	-281	-273	-254	-182	-125	-72	-5	53	69	81
1880	14	31	137	236	283	288	263	174	106	37	2420	86	90	83	33	9	-10	-10	33	76	107
1890	-34	-124	-211	-253	-286	-259	-154	-71	9	-1	2430	126	126	127	122	104	89	91	132	178	232
1900	-47	-101	-133	-149	-126	-107	-88	-74	-69	-59	2440	275	317	349	338	333	268	212	162	97	22
1910	-84	-141	-202	-253	-334	-432	-486	-504	-437	-347	2450	-57	-117	-176	-283	-329	-370	-400	-418	-450	-419
1920	-285	-252	-203	-134	-75	47	81	99	117	148	2460	-393	-354	-279	-196	-145	-82	3	86	151	235
1930	173	227	269	300	290	246	191	146	92	31	2470	301	355	449	500	527	546	552	533	526	448
1940	-27	-70	-92	-109	-121	-121	-122	-121	-122	-118	2480	292	178	67	-9	-84	-151	-180	-182	-176	-143
1950	-95	-58	-6	33	52	105	135	117	98	71	2490	-183	-209	-224	-238	-237	-192	-122	-55	4	76
1960	41	15	-2	-21	-42	-66	-70	-12	60	84	2500	142	174	160	146	118	85	39	-7	-15	5
1970	85	46	14	-23	-33	-31	-33	-21	1	15	2510	36	59	81	103	125	138	135	143	153	202
1980	23	29	9	-22	-16	20	54	81	98	121	2520	280	328	362	375	374	346	294	148	6	-44
1990	139	151	156	156	149	145	149	156	157	140	2530	-116	-160	-182	-211	-262	-308	-346	-380	-384	-357
2000	88	95	96	98	79	27	-21	-39	-73	-87	2540	-318	-264	-246	-166	-91	-45	8	64	102	108
2010	-34	-16	-7	-4	-62	-124	-171	-215	-244	-233	2550	96	37	35	-100	-149	-151	-148	-103	-64	23
2020	-258	-251	-157	-108	4	-1	-23	-50	-66	-53	2560	92	103	102	74	41	4	-43	-79	-85	-93
2030	-11	-24	-63	-104	-151	-189	-227	-266	-289	-291	2570	-88	-81	-102	-79	-64	-35	22	46	11	-46
2040	-270	-291	-280	-254	-208	-149	-104	-37	32	61	2580	-78	-111	-113	-71	-50	-16	-2	-18	-37	-9
2050	73	99	132	115	79	35	-17	-52	-86	-100	2590	33	47	47	34	-2	-34	-43	-41	-43	-34
2060	-102	-101	-102	-94	-84	-70	-62	-62	-75	-117	2600	10	47	93	136	180	229	269	284	289	250
2070	-158	-194	-202	-193	-158	-117	-24	37	77	119	2610	211	110	31	-29	-75	-123	-196	-221	-221	-215
2080	147	197	256	244	286	280	267	253	245	246	2620	-202	-189	-143	-32	-19	28	91	183	214	205
2090	233	213	200	192	193	197	191	163	112	67	2630	182	107	18	-37	-74	-58	-16	10	35	98
2100	32	-1	-24	-53	-77	-94	-111	-112	-108	-100	2640	128	126	104	64	29	-18	-79	-131	-115	-77

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(M-630 E08N)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2650	-48	-14	16	49	29	-8	-59	-117	-166	-215
2660	-282	-305	-303	-359	-239	-223	-232	-254	-272	-312
2670	-352	-361	-353	-323	-284	-229	-159	-111	-73	-44
2680	-5	40	82	115	137	160	171	184	195	205
2690	192	141	85	5	-71	-100	-103	-93	-67	-51
2700	-130	-5	20	40	64	78	68	38	4	-14
2710	-5	4	27	16	-14	-40	-66	-101	-121	-121
2720	-121	-121	-106	-84	-52	-9	30	49	34	0
2730	-233	-232	-32	-32	-35	-81	-119	-157	-209	-242
2740	-245	-281	-269	-249	-270	-305	-349	-361	-356	-330
2750	-275	-213	-153	-101	-64	-24	11	39	71	111
2760	159	180	209	261	323	340	346	332	323	315
2770	317	326	335	334	311	254	177	92	11	-51
2780	-93	-158	-169	-199	-197	-174	-147	-127	-121	-122
2790	-121	-121	-127	-153	-192	-231	-264	-285	-319	-335
2800	-356	-390	-390	-391	-390	-404	-409	-412	-395	-336
2810	-185	-12	89	138	262	299	320	339	345	330
2820	366	306	280	286	298	312	330	352	373	377
2830	309	228	156	80	40	-7	-36	-71	-82	-80
2840	-59	64	66	106	149	141	99	77	60	58
2850	55	28	89	118	173	233	294	328	351	371
2860	386	401	431	457	487	487	455	424	342	294
2870	234	179	145	125	104	93	62	3	-69	-130
2880	-164	-189	-192	-189	-177	-163	-127	-91	-80	-71
2890	-80	-121	-145	-152	-117	-69	-15	45	96	146
2900	195	232	278	317	384	433	480	485	447	375
2910	322	285	230	173	127	81	65	24	-71	-19
2920	-59	-85	-90	-92	-62	-101	-88	-71	-67	-77
2930	-93	-65	-7	41	75	98	111	129	162	186
2940	166	133	104	65	32	6	25	70	132	178
2950	197	215	221	230	172	92	43	7	-22	-60
2960	-89	-118	-137	-167	-198	-211	-211	-210	-215	-222
2970	-229	-252	-271	-258	-249	-225	-127	-46	8	19
2980	30	50	86	106	106	108	88	57	26	-1
2990	-23	-47	-70	-95	-124	-153	-189	-240	-290	-315
3000	-338	-351	-350	-350	-361	-386	-403	-409	-380	-324
3010	-272	-224	-179	-140	-109	-101	-107	-127	-154	-159
3020	148	141	105	27	26	83	115	116	107	98
3030	90	86	86	91	111	117	125	127	126	127
3040	126	130	147	157	156	156	145	100	6	-62
3050	-162	-222	-278	-335	-381	-413	-420	-427	-430	-429
3060	-430	-428	-407	-377	-328	-284	-214	-145	-76	30
3070	152	265	357	582	431	480	518	552	549	498
3080	441	287	142	287	142	-150	-214	-301	-339	-386
3090	-429	-415	-349	-260	-216	-170	-104	-62	4	63
3100	114	208	291	374	441	456	451	424	391	347
3110	298	243	210	166	105	12	-66	-134	-187	-249
3120	-286	-294	-247	-150	-75	-8	35	74	106	136
3130	164	179	189	196	196	191	153	93	23	-32
3140	-106	-169	-198	-208	-213	-199	-156	-129	-121	-136
3150	-143	-130	-98	-55	19	52	74	92	114	155
3160	169	145	101	66	32	-19	-47	-80	-80	-80
3170	-68	-44	-15	-22	-44	-87	-144	-189	-251	-326
3180	-359	-372	-383	-364	-342	-318	-279	-235	-166	-146

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(M-630 E08N)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3700	97	242	303	311	315	319	313	306	301	285
3740	259	228	189	125	71	41	7	-23	-55	-66
3780	56	-33	-13	-6	31	10	23	53	22	45
3820	106	153	220	288	351	295	226	133	75	-27
3860	-110	-146	-176	-155	-127	-86	-47	-17	103	8
3900	57	104	163	188	180	173	157	135	108	81
3940	61	36	24	7	-16	-43	-77	-116	-155	-188
3980	-225	-265	-311	-357	-407	-438	-454	-450	-448	-414
4020	-350	-309	-303	-296	-296	-305	-297	-278	-241	-183
4060	-159	-102	-74	-64	-65	-86	-95	-93	-95	-94
4100	-95	-93	-122	-135	-129	-111	-96	-69	-39	6
4140	48	93	145	207	264	328	358	365	327	256
4180	-105	-49	-98	-82	-52	-33	-33	-376	-371	-389
4220	3850	438	469	498	530	550	563	561	563	527
4260	-866	-437	-350	-257	-182	-149	-49	50	134	334
4300	209	278	311	308	302	284	259	230	140	110
4340	-28	-33	-82	-112	-147	-172	-190	-189	-164	-144
4380	-119	-65	-17	33	100	157	170	155	127	74
4420	3900	42	-9	-36	-87	138	-162	-175	-155	-132
4460	-85	-65	-40	-22	-2	17	54	84	107	135
4500	3920	155	171	182	184	183	184	183	177	144
4540	45	2	-29	-75	-111	-141	-122	-89	-62	-25
4580	-11	-32	-104	-167	-243	-317	-344	-333	-291	-262
4620	-232	-207	-198	-221	-266	-317	-376	-400	-449	-387
4660	-252	-185	-6	103	137	222	343	417	481	489
4700	459	409	395	329	237	251	207	157	128	92
4740	51	9	-56	-79	-119	-159	-175	-174	-155	-120
4780	-64	11	71	135	194	262	274	296	331	384
4820	449	488	525	532	530	511	479	451	393	374
4860	279	240	230	215	162	112	82	49	17	-19
4900	-47	-73	-93	-100	-105	-104	-105	-120	-158	-194
4940	-222	-240	-268	-302	-317	-309	-299	-275	-240	-259
4980	4050	-341	-374	-408	-409	-322	-260	-218	-166	-126
5020	-94	-64	-29	6	47	92	134	179	214	233
5060	4070	235	197	130	82	-5	-69	-119	-171	-228
5100	4080	-257	-296	-320	-334	-334	-325	-339	-375	-411
5140	4090	-534	-448	-454	-451	-458	-478	-498	-536	-562
5180	4100	-545	-488	-434	-409	-353	-303	-258	-192	-118
5220	-2	62	96	137	179	184	183	175	85	24
5260	-9	-104	-146	-192	-241	-292	-318	-330	-351	-373
5300	-391	-393	-393	-392	-394	-389	-386	-383	-374	-366
5340	4130	-173	-123	-85	-43	10	37	101	121	135
5380	4140	145	163	189	213	232	234	231	224	144
5420	4170	176	149	104	65	24	-20	-56	-109	-161
5460	-480	-245	-250	-270	-284	-277	-263	-221	-176	-131
5500	4190	-38	12	64	99	136	181	208	233	259
5540	4200	318	330	327	310	293	271	251	230	214
5580	4210	145	124	95	62	32	12	-11	-28	-61
5620	4220	34	59	82	78	65	62	54	46	44
5660	4230	46	60	96	128	129	116	104	103	124
5700	4240	191	221	236	237	232	201	179	164	142
5740	4250	178	239	284	345	357	395	428	438	396
5780	4260	370	344	343	343	359	314	281	244	229

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630 EORN)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
4810	-144	-144	-144	-141	-133	-120	-99	-88	-80	-74	
4820	-67	-63	-75	-94	-119	-144	-162	-187	-209	-223	
4830	-236	-246	-260	-295	-315	-323	-323	-320	-306	-281	
4840	-253	-210	-179	-145	-108	-64	-35	-13	17	34	
4850	-66	34	14	-14	-51	-88	-142	-184	-219	-245	
4860	-261	-277	-295	-315	-337	-359	-372	-375	-372	-359	
4870	-338	-313	-294	-276	-264	-239	-203	-173	-143	-119	
4880	-89	-67	-33	-9	18	50	60	66	74	72	
4890	37	10	-17	-44	-61	-76	-102	-142	-179	-219	
4900	-253	-310	-340	-364	-385	-389	-372	-358	-335	-335	
4910	-312	-286	-261	-234	-205	-176	-141	-109	-87	-50	
4920	5	19	25	24	24	24	24	24	24	25	
4930	13	-10	-15	-14	-16	-10	-4	-4	-10	-16	
4940	6	6	23	43	58	74	84	84	84	84	
4950	65	45	30	17	14	14	19	27	39	45	
4960	44	44	44	39	30	23	14	5	4	4	
4970	7	18	25	23	14	-7	-29	-48	-55	-54	
4980	-47	-35	-23	-9	-4	-7	-24	-15	-25	-25	
4990	-20	22	23	48	58	68	72	65	59	53	
5000	35	54	55	48	43	48	54	54	54	56	
5010	65	64	73	74	77	85	77	73	78	85	
5020	84	84	84	84	84	80	69	60	46	32	
5030	25	24	24	24	26	39	63	79	87	70	
5040	-95	-79	-60	-34	-17	-104	-104	-104	-104	-105	
5050	5	5	5	5	5	5	5	5	5	5	
5060	125	157	186	197	205	213	209	184	169	156	
5070	145	143	147	164	180	178	130	99	66	54	
5080	54	64	88	109	115	113	114	105	104	103	
5090	115	139	146	154	154	147	143	141	113	74	
5100	64	20	34	-4	-14	-31	-35	-35	-42	-43	
5110	-42	-34	-35	-35	-33	-26	-19	-16	-27	-34	
5120	-35	-34	-35	-35	-47	-61	-74	-91	-98	-105	
5130	-96	-83	-66	-34	-23	-16	-14	-15	-14	-15	
5140	-14	-15	-14	-22	-25	-24	-26	-37	-46	-37	
5150	-12	10	16	50	92	113	144	177	194	193	
5160	194	193	194	185	183	183	183	184	184	181	
5170	173	164	150	138	118	95	74	57	40	17	
5180	11	0	-8	-17	-30	-35	-34	-35	-35	-33	
5190	-25	-15	6	24	24	24	10	0	-26	-63	
5200	-101	-134	-155	-171	-203	-221	-234	-248	-253	-254	
5210	-249	-243	-244	-244	-243	-230	-204	-176	-149	-105	
5220	-70	-51	-28	-16	-7	3	0	-5	-11	-16	
5230	-14	-15	-15	-14	-15	-13	-17	1	67	89	
5240	128	160	190	187	133	123	93	77	61	51	
5250	56	24	15	14	14	14	14	19	26	34	
5260	67	93	112	135	161	186	201	216	210	188	
5270	165	140	100	65	40	19	10	-3	-14	-15	
5280	-23	-26	-21	-13	1	20	35	45	44	45	
5290	46	33	0	-36	-69	-102	-126	-151	-166	-166	
5300	-180	-184	-186	-194	-195	-204	-203	-207	-214	-213	
5310	-214	-214	-222	-230	-234	-233	-234	-233	-234	-233	
5320	-234	-233	-233	-234	-233	-234	-231	-223	-233	-232	
5330	-224	-213	-192	-173	-145	-124	-107	-98	-90	-82	
5340	-74	-63	-36	-137	-168	-176	-189	-207	-214	-221	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630)										CONTINUED (M-630)									
EORN					EORN					EORN					EORN				
(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)
5890	43	60	79	96	102	93	82	68	62	63	23	23	23	23	23	23	23	23	23
5900	63	63	63	63	63	63	62	64	58	43	33	33	33	33	33	33	33	33	33
5910	43	47	61	74	83	81	71	63	60	45	11	11	11	11	11	11	11	11	11
5920	31	23	23	23	23	23	33	34	42	43	67	52	39	33	33	33	33	33	33
5930	43	43	43	45	68	89	93	92	93	93	42	44	40	33	27	20	14	8	0
5940	93	92	95	104	92	80	80	58	44	43	64	40	46	45	46	37	35	36	35
5950	43	43	43	44	52	59	70	73	73	73	29	16	8	0	3	8	14	14	5
5960	72	63	63	66	42	27	14	12	14	10	4	15	16	16	15	20	31	39	50
5970	3	-3	-17	-29	-48	-68	-85	-98	-107	-114	60	64	65	66	65	66	66	69	75
5980	-122	-128	-135	-135	-135	-135	-135	-136	-138	-124	75	75	76	75	76	70	62	69	70
5990	-126	-128	-128	-128	-128	-128	-128	-128	-128	-124	76	76	76	76	76	76	76	76	76
6000	-43	-32	-26	-19	-8	3	11	17	24	23	9	13	20	24	22	8	7	21	33
6010	23	30	36	43	43	43	43	51	53	53	65	65	65	65	65	65	65	65	65
6020	53	53	53	53	53	53	53	52	56	63	239	247	253	260	268	264	255	246	240
6030	70	74	73	72	62	49	32	18	-7	-34	231	211	190	184	185	185	185	186	195
6040	-53	-72	-75	-76	-75	-75	-75	-75	-75	-76	230	243	245	245	245	245	236	235	230
6050	-75	-76	-75	-76	-73	-65	-67	-59	-55	-55	219	214	215	215	215	215	215	215	215
6060	-57	-65	-68	-76	-75	-76	-75	-76	-75	-76	212	205	199	188	185	185	185	185	185
6070	-84	-89	-101	-106	-115	-131	-137	-145	-145	-145	185	185	185	185	185	185	185	185	185
6080	-145	-154	-156	-166	-174	-180	-186	-184	-184	-185	185	185	185	185	185	185	185	185	185
6090	-184	-185	-176	-175	-172	-164	-155	-140	-132	-117	122	122	105	89	68	68	65	58	51
6100	-102	-86	-73	-60	-48	-32	-14	3	8	-8	46	40	35	34	24	19	16	10	6
6110	0	-11	-17	-15	-23	-26	-25	-39	-39	-51	5	5	5	5	5	5	5	5	5
6120	-61	-66	-65	-66	-63	-58	-44	-35	-30	5	13	14	14	24	32	40	44	42	35
6130	17	31	42	43	43	43	43	43	36	32	24	20	12	4	2	4	4	4	4
6140	33	33	33	40	49	58	66	72	75	82	15	16	16	16	16	16	16	16	16
6150	87	93	96	103	111	126	132	133	134	115	123	130	143	142	143	142	143	142	142
6160	107	97	84	72	64	59	46	40	27	14	112	114	106	102	103	110	113	112	113
6170	0	-14	-25	-25	-32	-36	-35	-36	-35	-26	132	132	136	143	142	143	142	143	142
6180	-17	-12	-1	6	29	48	59	64	72	73	143	142	143	142	143	138	132	133	133
6190	74	69	62	54	42	32	20	13	13	4	132	132	132	132	132	132	132	132	132
6200	4	-2	-6	-13	-17	-15	-17	-9	-4	4	132	132	132	132	132	132	132	132	132
6210	13	28	48	69	88	99	104	99	92	86	134	134	142	142	143	137	132	133	133
6220	74	63	52	41	33	33	32	35	42	48	122	123	115	112	113	112	115	123	123
6230	53	53	52	59	72	81	99	115	123	129	122	122	115	108	93	78	59	43	27
6240	134	128	123	117	112	108	101	103	102	103	105	109	106	101	97	71	82	91	99
6250	94	82	64	42	28	15	7	10	22	22	105	109	106	101	97	71	82	91	99
6260	-44	-54	-68	-75	-76	-75	-76	-75	-76	-76	105	109	106	101	97	71	82	91	99
6270	-75	-76	-75	-87	-95	-102	-106	-103	-103	-90	87	96	103	106	104	111	116	124	125
6280	-77	-67	-61	-55	-56	-55	-56	-55	-60	-68	92	92	92	92	92	92	92	92	92
6290	-65	-66	-64	-72	-76	-82	-91	-103	-113	-128	80	80	80	80	80	80	80	80	80
6300	-140	-145	-145	-145	-145	-145	-145	-145	-145	-145	43	43	43	43	43	43	43	43	43
6310	-145	-137	-135	-134	-120	-102	-82	-69	-56	-43	43	43	43	43	43	43	43	43	43
6320	-34	-27	-18	-11	-16	-15	-8	-2	4	10	4	3	4	0	-6	-6	-15	-16	-24
6330	19	25	37	44	43	43	43	43	43	43	3	3	3	3	3	3	3	3	3
6340	43	43	43	43	43	43	43	43	43	43	3	3	3	3	3	3	3	3	3
6350	62	63	63	63	63	63	63	63	63	63	3	3	3	3	3	3	3	3	3
6360	63	63	70	78	83	89	100	112	129	148	3	3	3	3	3	3	3	3	3
6370	162	184	192	196	203	202	203	202	202	202	3	3	3	3	3	3	3	3	3
6380	203	211	216	226	238	248	258	262	262	262	3	3	3	3	3	3	3	3	3
6390	262	262	262	262	262	262	262	262	262	262	3	3	3	3	3	3	3	3	3
6400	262	262	262	261	251	243	230	221	214	212	3	3	3	3	3	3	3	3	3
6410	204	194	185	172	152	128	112	99	89	80	3	3	3	3	3	3	3	3	3
6420	62	43	34	26	22	23	23	23	23	23	3	3	3	3	3	3	3	3	3

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(M-630 EORN)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6970	43	43	44	52	57	68	79	92	103	110		7510	24	23	3	-3	-13	-21	-26	-25	
6980	121	127	139	142	144	153	152	152	153	149		7520	-25	-25	-25	-26	-16	-43	-50	-56	
6990	162	162	134	126	112	99	89	80	70	60		7530	-64	-78	-95	-94	-96	-88	-85	-79	
7000	51	41	32	34	27	22	23	23	23	23		7540	-74	-85	-75	-75	-74	-74	-81	-86	
7010	23	23	23	23	24	32	40	44	51	55		7550	-84	-75	-85	-85	-95	-94	-97	-94	
7020	63	71	81	83	83	81	72	63	39	17		7560	-106	-102	-95	-95	-95	-95	-95	-93	
7030	12	16	23	30	34	32	40	43	43	43		7570	-85	-85	-85	-85	-85	-85	-85	-83	
7040	43	42	47	54	61	73	89	106	121	135		7580	-75	-72	-59	-44	-31	-17	-16	-13	
7050	142	134	127	115	112	113	113	112	120	124		7590	-4	2	3	5	-1	-17	-14	-24	
7060	120	113	111	103	103	103	103	103	103	103		7600	-35	-35	-35	-35	-35	-36	-45	-45	
7070	103	103	103	103	102	103	96	85	73	60		7610	-45	-45	-45	-45	-45	-45	-45	-45	
7080	12	22	27	33	-13	-16	-13	-16	-8	1		7620	34	33	42	44	39	30	22	8	
7090	11	21	27	38	45	44	53	54	63	62		7630	0	-6	-12	-21	-25	0	8	19	
7100	70	73	64	59	51	44	38	27	23	23		7640	30	35	43	44	43	48	54	66	
7110	24	17	13	13	13	13	13	13	13	13		7650	72	74	73	77	73	73	73	73	
7120	13	13	5	3	-2	-9	-16	-16	-16	-16		7660	73	74	73	77	84	83	83	83	
7130	-16	-16	-22	-29	-35	-40	-46	-51	-63	-65		7670	83	83	83	84	93	94	94	94	
7140	-65	-66	-66	-66	-66	-66	-66	-66	-66	-66		7680	92	100	103	109	113	117	124	124	
7150	-65	-66	-67	-67	-75	-76	-75	-78	-85	-92		7690	112	102	94	88	82	75	73	74	
7160	-65	-65	-96	-95	-95	-96	-105	-116	-130	-145		7700	66	55	42	31	24	24	24	21	
7170	-145	-145	-145	-145	-145	-145	-145	-145	-145	-145		7710	11	4	3	9	21	24	31	35	
7180	-146	-139	-127	-122	-115	-108	-90	-85	-77	-75		7720	63	50	6	63	64	63	55	51	
7190	-76	-68	-65	-66	-65	-66	-65	-66	-65	-66		7730	43	36	28	22	15	9	6	4	-4
7200	-59	-48	-36	-28	-19	-19	-11	-24	-21	-14		7740	-12	-15	-18	-25	-24	-35	-46	-43	
7210	-16	-15	-16	-14	-6	-5	-5	-5	-6	-4		7750	-36	-27	-25	-29	-38	-45	-54	-55	
7220	-7	-16	-15	-15	-5	12	21	32	40	44		7760	-55	-55	-55	-55	-55	-55	-55	-55	
7230	-22	-15	-8	-2	5	12	21	32	40	44		7770	-55	-55	-55	-55	-55	-55	-55	-55	
7240	52	63	70	75	66	62	53	46	19	2		7780	-55	-55	-55	-55	-55	-55	-55	-55	
7250	-13	-26	-24	-25	-25	-25	-25	-25	-25	-25		7790	-117	-129	-135	-134	-142	-145	-144	-153	
7260	-25	-25	-26	-19	-14	-16	-15	-15	-15	-15		7800	-156	-164	-164	-167	-174	-181	-185	-184	
7270	-15	-15	-23	-26	-25	-25	-25	-25	-31	-42		7810	-184	-184	-184	-184	-184	-184	-184	-184	
7280	-53	-64	-75	-75	-75	-75	-75	-87	-98	-103		7820	-166	-166	-161	-153	-156	-149	-144	-145	
7290	-108	-115	-114	-115	-114	-115	-114	-116	-111	-105		7830	-144	-145	-144	-145	-145	-145	-144	-145	
7300	-103	-90	-82	-75	-75	-75	-70	-63	-56	-47		7840	-145	-144	-142	-134	-135	-135	-129	-120	
7310	-44	-45	-45	-63	-75	-74	-75	-75	-75	-75		7850	-115	-114	-104	-96	-94	-86	-85	-83	
7320	-75	-64	-48	-45	-65	-65	-64	-64	-64	-64		7860	-85	-84	-76	-75	-75	-75	-74	-76	
7330	-69	-64	-46	-39	-35	-35	-36	-31	-24	-23		7870	-72	-65	-58	-54	-47	-44	-45	-45	
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7360	-31	-24	-26	-24	-26	-24	-31	-36	-35	-35		7900	-15	-1	9	21	30	41	52	54	
7370	-35	-34	-39	-46	-52	-56	-54	-59	-73	-83		7910	54	53	54	53	55	64	63	62	
7380	-91	-96	-105	-103	-93	-87	-80	-74	-75	-74		7920	68	74	75	83	84	82	74	68	
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7400	-15	-17	-35	-25	-25	-25	-26	-20	2	27		7940	13	20	24	24	24	24	23	32	
7410	33	34	27	23	24	23	24	23	24	24		7950	34	41	44	43	44	51	62	73	
7420	24	24	24	24	24	24	24	24	23	24		7960	91	94	94	94	93	93	101	109	
7430	23	24	18	13	14	13	14	14	14	14		7970	122	130	133	133	133	133	133	134	
7440	14	14	14	14	14	14	14	14	14	14		7980	129	122	124	122	125	132	144	132	
7450	14	14	14	14	14	14	14	14	14	14		7990	152	153	153	154	145	143	141	135	
7460	14	14	22	26	23	24	23	29	34	33		8000	153	153	153	153	134	129	98	87	
7470	14	35	34	33	34	34	34	34	34	34		8010	73	74	71	62	49	43	44	44	
7480	34	34	34	34	34	34	34	34	34	34		8020	36	33	34	33	25	23	24	23	
7490	34	33	34	34	34	34	29	23	24	24		8030	23	28	34	33	34	34	34	33	
7500	23	24	24	24	24	24	24	24	24	23		8040	25	23	24	24	24	24	24	24	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630)										CONTINUED (M-630)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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8060	44	43	44	43	44	43	49	43	49	54	8600	44	43	47	54	54	53	54	54	63	63
8070	54	52	43	35	33	30	23	24	24	24	8610	64	64	64	56	53	54	53	55	63	63
8080	24	24	23	24	23	34	33	33	33	35	8620	63	64	63	71	74	79	91	94	93	93
8090	64	63	64	63	64	63	66	64	62	64	8630	93	93	93	93	93	93	93	93	93	93
8100	63	63	64	63	64	63	64	63	64	64	8640	93	93	93	93	93	93	93	93	93	93
8110	43	44	41	35	34	34	32	24	24	24	8650	94	92	83	83	83	83	83	84	84	82
8120	24	24	23	24	21	12	5	5	5	5	8660	90	94	101	104	102	106	112	113	111	93
8130	15	24	25	25	25	25	25	25	25	25	8670	94	88	82	84	85	73	75	66	60	51
8140	25	25	25	25	25	25	26	25	26	25	8680	40	34	34	34	34	34	34	34	34	34
8150	39	45	53	56	55	55	55	55	55	55	8690	34	34	34	34	33	34	33	34	26	23
8160	55	55	55	55	55	63	77	87	94	94	8700	24	18	7	6	22	26	25	25	25	25
8170	95	95	95	95	95	95	95	95	95	95	8710	25	26	7	6	22	26	25	25	25	25
8180	95	95	95	95	95	95	95	95	95	95	8720	25	26	24	31	36	35	35	35	35	62
8190	94	98	106	103	111	127	138	144	148	156	8730	105	93	95	102	105	105	105	105	105	105
8200	154	155	154	155	154	145	146	144	145	144	8740	115	114	115	115	115	115	115	115	114	112
8210	145	144	145	145	145	144	144	144	144	144	8750	135	135	134	135	132	124	125	125	124	125
8220	136	163	164	165	164	164	164	164	164	164	8760	124	126	118	115	110	104	101	93	96	94
8230	164	164	164	165	164	164	165	164	165	164	8770	96	89	84	85	85	79	71	63	55	38
8240	161	132	125	116	107	94	88	85	85	85	8780	26	21	14	16	15	16	15	16	10	4
8250	85	85	85	80	74	76	72	65	59	52	8790	8	15	21	28	34	33	34	33	34	43
8260	66	44	46	40	35	35	34	34	34	34	8800	44	44	44	44	44	44	44	44	44	44
8270	14	6	5	22	36	43	43	44	44	44	8810	14	14	14	13	14	13	16	14	13	14
8280	54	62	64	63	63	64	63	64	78	88	8820	33	34	33	34	33	34	32	24	23	24
8290	94	93	93	93	94	103	102	108	114	113	8830	19	11	11	12	12	20	23	24	23	24
8300	113	113	121	124	124	140	147	155	168	168	8840	80	85	85	83	76	69	57	52	45	38
8310	185	194	193	192	193	192	199	203	203	203	8850	34	36	29	24	26	25	26	18	14	7
8320	212	213	213	212	213	207	202	203	202	202	8860	5	4	4	3	9	21	28	34	35	35
8330	203	203	203	203	203	202	211	213	213	213	8870	44	43	49	54	53	54	53	54	53	46
8340	213	212	214	207	202	194	189	175	167	167	8880	40	33	34	33	34	33	34	34	34	34
8350	158	152	142	134	128	119	112	114	113	113	8890	34	34	34	34	34	34	34	34	34	34
8360	114	113	118	127	132	140	143	144	153	161	8900	34	33	34	34	33	34	33	42	43	54
8370	165	163	163	165	164	164	167	164	167	167	8910	53	54	54	53	59	64	63	66	63	64
8380	96	90	84	77	85	60	55	54	53	53	8920	63	64	63	64	64	64	60	57	28	18
8390	45	33	24	23	25	18	14	11	4	4	8930	8	4	15	16	24	23	23	24	16	14
8400	5	11	16	15	16	15	15	15	15	15	8940	6	5	6	5	1	8	14	18	25	19
8410	15	15	15	15	15	15	15	15	15	15	8950	10	0	5	8	16	14	18	27	39	50
8420	15	15	15	15	15	16	14	14	21	26	8960	57	68	79	86	94	95	95	95	95	94
8430	25	25	25	25	25	25	25	25	25	25	8970	104	104	110	116	114	115	114	115	114	121
8440	25	26	24	26	15	21	47	44	46	43	8980	125	124	125	125	125	125	116	115	112	103
8450	35	35	35	35	35	35	35	35	35	35	8990	96	92	85	85	85	83	75	75	75	75
8460	35	35	35	35	35	36	44	45	45	45	9000	96	92	85	85	85	83	75	75	75	75
8470	55	55	55	55	55	56	69	84	93	93	9010	105	104	105	105	105	105	105	105	105	105
8480	105	104	105	105	105	106	115	114	122	125	9020	105	104	105	105	105	105	105	105	105	105
8490	124	125	123	114	115	104	91	84	76	72	9030	124	124	124	124	124	124	124	124	124	124
8500	77	83	85	85	85	85	85	85	85	85	9040	124	124	124	124	124	124	124	124	124	124
8510	101	105	109	121	124	152	155	154	155	154	9050	101	101	101	101	101	101	101	101	101	101
8520	133	127	124	125	124	125	125	125	125	125	9060	133	133	133	133	133	133	133	133	133	133
8530	125	125	125	125	125	125	125	125	125	125	9070	125	125	125	125	125	125	125	125	125	125
8540	108	104	96	94	95	95	95	95	95	95	9080	108	104	96	94	95	95	95	95	95	95
8550	95	94	97	96	94	95	95	95	95	95	9090	95	94	97	96	94	95	95	95	95	95
8560	94	85	84	75	76	76	64	54	56	56	9100	94	85	84	75	76	76	64	54	56	56
8570	49	44	46	40	34	36	34	36	31	14	9110	49	44	46	40	34	36	34	36	31	14
8580	6	5	21	33	33	44	43	43	43	43	9120	6	5	21	33	33	44	43	43	43	43

END

TO BE CONTINUED

RECORD = M-630 COMPONENT = UP STATION = HAKODATE-W
 DATE AND TIME = 1983-05-26-12-00 TOTAL NUMBER OF DATA = 9000
 SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 SIGNAL = GR. ACC. CONNECTION POINT IN DATA NUMBER = 1805, 3602, 5405, 7210, 9000,

CONTINUED(M-630 UP)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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10	-28	-35	-69	-81	-81	-80	-72	-64	-59	-61
20	-60	-61	-59	-62	-70	-71	-67	-59	-61	-59
30	30	-17	25	2	-20	-59	-95	-103	-92	-44
40	-41	-20	-18	-32	-45	-51	-47	-20	9	39
50	36	23	-2	-32	-45	-24	-9	-19	-43	-40
60	-77	-68	-45	-40	-35	-28	-30	-28	-41	-40
70	-83	-73	-45	-47	-17	-7	-8	-11	-22	-29
80	-29	-30	-29	-46	-59	-41	-30	-28	-30	-6
90	21	8	-29	-66	-71	-68	-58	-40	-14	1
100	-4	-21	-35	-46	-50	-50	-51	-64	-77	-74
110	-82	-80	-82	-78	-59	-41	-25	-12	1	13
120	21	29	33	25	20	14	-2	-22	-41	-50
130	-52	-60	-62	-70	-47	-23	2	1	-12	-23
140	-37	-40	-38	-28	-14	-22	-39	-48	-41	-38
150	-48	-61	-59	-49	-40	-52	-60	-49	-38	-44
160	-52	-73	-60	-33	-22	-18	-29	-29	-31	-36
170	0	0	-25	-39	-49	-50	-41	-36	-28	-30
180	-21	-26	-30	-28	-2	33	52	50	42	43
190	42	43	38	8	-17	-50	26	28	2	-12
200	-66	-67	-72	-64	-67	-34	-33	-53	-56	-70
210	-37	-30	-16	-8	-20	-34	-40	-38	-23	-19
220	-30	-40	-39	-38	5	-26	-68	-86	-100	-80
230	-109	-113	-106	-79	-39	-17	-1	-9	-28	-44
240	-60	-59	-45	-46	-62	-57	-37	-4	11	11
250	12	11	12	5	-21	-56	-80	-60	-35	-17
260	-1	1	2	11	7	-32	-53	-38	-7	19
270	19	-4	-23	-37	-50	-39	4	19	10	12
280	11	0	-13	-33	-42	-19	12	23	21	20
290	-3	-20	-31	-38	-24	-12	-8	-14	-42	-80
300	-55	-20	25	71	95	71	43	27	7	-8
310	-26	-40	-39	-55	-68	-82	-74	-53	-24	15
320	52	54	23	-4	-27	-29	-27	-19	-13	8
330	17	12	11	17	-41	54	37	16	0	-22
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350	-35	-17	-11	-27	-39	-39	-39	-39	-39	-40
360	-38	-30	-28	-35	-38	-24	-4	11	8	-5
370	-16	-28	-19	-6	-3	-17	-30	-28	-22	-12
380	-9	-6	1	5	12	11	11	12	3	-10
390	-24	-30	-29	-29	-29	-29	-30	-41	-60	-79
400	-89	-65	-31	-2	17	10	-6	-16	-29	-29
410	-29	-29	-29	-28	-34	-40	-39	-40	-36	-20
420	10	34	29	22	22	22	9	-22	-35	-19
430	-9	-8	-9	-19	-32	-38	-26	-12	-7	-17
440	-29	-33	-40	-31	6	-8	-42	-61	-69	-72
450	-29	-33	-39	-36	-49	-42	-39	-32	-26	-13
460	13	22	21	6	-15	-26	-5	13	17	-2
470	-5	-9	-7	-11	11	48	58	66	52	17
480	-7	-16	-5	11	11	12	5	-7	-8	-8
490	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
500	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
510	96	79	62	45	33	28	17	4	0	5
520	12	-5	-16	-35	-40	-40	-31	16	32	17
530	1	-7	-16	-35	-40	-40	-31	16	32	17
540	-80	-80	-81	-80	-80	-80	-80	-80	-80	-80
550	-8	-9	-7	-14	-29	-39	-23	2	18	30
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570	-40	-30	-22	-38	-42	-48	-39	-30	-18	-20
580	50	28	-22	-38	-42	-48	-39	-30	-18	-20
590	5	41	30	28	33	31	35	52	63	54
600	33	60	67	81	35	18	5	-5	-14	15
610	4	23	15	-28	-46	-38	-41	-17	18	34
620	42	42	32	32	23	22	32	49	54	42
630	33	28	33	32	22	7	-7	8	22	22
640	22	14	11	10	0	4	17	28	33	31
650	36	44	38	32	31	20	1	-14	-34	-34
660	-21	-18	-24	-39	-37	-28	-30	-28	-36	-41
670	-51	-43	-39	-38	-45	-48	-38	-12	33	54
680	74	65	31	10	-2	-41	-19	-19	-16	-1
690	11	10	10	-9	-28	-23	-9	-13	-34	-56
700	-61	-42	-30	-29	-18	6	30	49	21	-9
710	-34	-33	-12	-8	-9	-7	-13	-18	-5	0
720	2	-4	-9	-8	-8	-9	-81	-77	-60	-43
730	-17	12	30	32	32	23	21	29	57	65
740	60	41	31	35	22	-6	-30	-45	-34	0
750	30	49	46	32	21	11	-8	-43	-60	-60
760	-60	-61	-54	-48	-34	-5	19	45	53	53
770	52	35	-22	-35	-19	16	32	28	21	40
780	53	37	18	12	7	0	10	12	10	0
790	-9	-18	-19	-17	-3	37	69	85	78	53
800	27	23	40	65	97	113	115	115	115	104
810	90	70	33	1	15	43	17	-14	-16	12
820	23	13	0	-17	-19	-19	-19	-12	-7	-9
830	8	17	0	-9	-18	-19	-19	-18	-19	-19
840	-18	-13	5	36	64	106	128	144	136	120
850	107	91	68	30	17	28	33	27	5	7
860	10	0	45	49	39	17	-15	-37	-62	-98
870	-123	-115	-87	-66	-61	-59	-63	-35	34	59
880	74	70	45	23	30	50	56	68	75	46
890	16	-5	25	-24	0	48	75	52	33	13
900	16	-5	25	-24	0	48	75	52	33	13
910	41	39	32	32	48	54	31	11	18	33
920	23	43	86	74	42	28	16	18	23	74
930	22	17	2	2	-2	-10	19	81	100	73
940	39	21	56	73	22	-7	-16	-20	-6	14
950	11	-19	-25	-35	-46	-10	14	7	-6	-40
960	-50	-40	10	27	32	33	25	-1	-23	-39
970	-30	-32	-52	-62	-70	-71	-70	-70	-71	-58
980	-40	-60	-61	-68	-101	-92	-72	-66	-50	-67
990	-78	-67	-50	-40	-6	26	52	70	77	85
1000	83	71	57	34	63	71	65	47	46	46
1010	70	71	15	-23	-59	-28	-55	-89	-116	-122
1020	-103	-78	-47	-39	-55	-71	-69	-79	-70	-28

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630 UP)										CONTINUED (M-630 UP)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	1	22	10	-19	-49	-68	-81	-66	-5	59	1570	-113	-80	-60	-72	-89	-86	-87	-94	-83	-55
1040	75	38	15	8	1	2	24	43	54	62	1580	-18	-3	-53	-92	-99	-81	-57	-27	-35	-76
1050	53	40	26	-3	-14	-11	24	33	24	14	1590	-105	-96	-113	-96	-113	-73	-28	-1	-28	-83
1060	2	-13	-26	-39	-53	-62	-70	-81	-80	-88	1600	-112	-140	-142	-114	-73	-53	-88	-120	-139	-112
1070	-92	-107	-85	-44	-39	-52	-56	-39	-31	-28	1610	-83	-69	-71	-70	-72	-56	-38	-41	-35	-25
1080	-36	-40	-32	-24	-13	-9	-35	-63	-88	-58	1620	5	42	65	70	33	-1	-24	-51	-74	-88
1090	-12	26	33	106	94	65	40	14	-5	-19	1630	-78	-16	31	43	-3	13	58	73	73	74
1100	-12	26	33	-82	-70	-28	-30	-1	41	70	1640	63	-73	109	123	132	108	52	-11	-47	-2
1110	91	76	65	65	60	50	37	17	8	26	1650	38	18	22	37	75	74	94	-69	-128	-168
1120	43	60	81	90	78	48	12	-7	-10	10	1660	-74	-29	-45	-23	4	94	83	-6	-85	-139
1130	25	33	25	11	12	-3	-29	-12	12	31	1670	-119	-15	42	0	-56	-113	-124	-114	-104	-65
1140	32	21	13	9	26	77	110	117	103	75	1680	-77	1	-27	-78	-119	-147	-110	-77	-72	-102
1150	52	33	13	-2	-9	-8	-16	-24	-24	-30	1690	-133	-161	-186	-208	-217	-208	-154	-117	-112	-101
1160	-22	-11	8	31	43	42	35	33	79	72	1700	-63	-37	-41	-14	20	17	-4	-31	-63	-98
1170	18	-25	-1	36	39	17	-4	-4	1	5	1710	-132	-166	-196	-150	-108	-101	-108	-96	-62	-61
1180	8	-28	9	59	73	70	32	41	61	64	1720	-58	-66	-60	-25	-8	-9	-22	-50	-77	-107
1190	70	45	33	24	12	11	12	11	12	0	1730	-106	-80	-31	34	69	82	81	29	29	33
1200	-17	-26	-23	-17	-21	-6	13	-17	-38	-52	1740	-195	-59	-92	-85	-79	-60	-52	-99	-151	-180
1210	-61	-60	-55	-17	39	77	76	36	-1	-27	1750	-195	-82	-23	-18	-9	-50	-86	-83	-45	-31
1220	-54	-57	-48	-33	-17	-27	-63	-72	-66	-26	1760	-33	-66	-99	-115	-131	-123	-77	-49	-35	2
1230	2	5	6	-35	-57	-46	-13	0	10	11	1770	42	57	19	13	41	38	14	-17	-60	-58
1240	-4	-9	-8	-9	-8	-7	15	16	-8	-47	1780	-67	-71	-57	-28	16	86	114	80	37	0
1250	-87	-124	-120	-74	-27	-10	-7	-45	-47	-3	1790	-23	-47	-50	-30	-47	-24	44	13	0	-50
1260	19	32	24	-3	-69	-89	-127	-147	-130	-93	1800	-88	-113	-95	-58	-13	51	37	-47	-124	-4
1270	-54	-80	-120	-136	-116	-62	-44	-62	-50	-2	1810	-181	-164	-92	0	10	-80	-102	-138	-142	-121
1280	58	77	33	1	-19	-35	-29	-30	-28	-31	1820	-85	-71	71	111	26	-56	-115	-150	-106	-69
1290	-19	13	47	85	90	67	21	44	-20	13	1830	-7	29	45	49	28	12	-6	-31	-42	-36
1300	73	61	35	20	11	13	24	44	62	63	1840	-1	34	15	-22	-50	-50	-62	-103	-77	1
1310	65	59	34	-16	-61	-82	-77	-65	-85	-104	1850	90	99	83	82	90	62	15	-21	-61	-84
1320	-99	-76	-43	-19	-15	12	50	80	102	102	1860	-104	-74	1	64	128	125	86	78	92	102
1330	72	23	-6	-18	0	-14	-36	-60	-31	21	1870	75	79	65	33	21	54	51	23	13	43
1340	2	-23	-50	-62	-50	-32	-18	-38	-71	-23	1880	93	44	6	-37	-69	-82	-66	-51	-51	-64
1350	-114	-101	-66	-17	-21	-20	-62	-82	2	48	1890	-118	-97	-63	-92	-140	-164	-164	-148	-103	-76
1360	31	-14	-18	-18	-7	-15	-35	-60	-39	-40	1900	-46	-21	58	33	38	-23	-83	-126	-157	-185
1370	-39	-41	-21	9	28	18	-24	-64	-56	10	1910	-180	-161	-93	-104	-53	-81	-116	-168	-144	-132
1380	60	58	35	24	34	39	5	24	41	-26	1920	-108	-95	-81	-89	-73	-84	-98	-86	-46	-14
1390	-6	24	32	12	-5	24	71	95	76	26	1930	11	19	38	14	92	103	71	14	-23	-64
1400	-5	-30	-48	-43	-39	-39	-45	-62	-79	-81	1940	-89	-112	-134	-161	-161	-197	-96	4	71	113
1410	-80	-67	-38	0	34	83	106	98	74	58	1950	84	41	25	52	79	89	46	9	-34	-63
1420	48	41	44	35	13	-24	-58	-48	-38	-44	1960	-50	58	55	48	33	19	34	15	-53	4
1430	-61	-70	-70	-60	-61	-57	-42	-6	34	22	1970	-62	-68	-74	-46	6	-18	-59	-82	-107	-104
1440	-7	-61	-92	-68	-14	36	56	42	-6	-37	1980	-125	-55	28	-3	9	25	48	69	72	72
1450	-62	-71	-69	-73	-80	-90	-108	-111	-114	-120	1990	70	81	61	9	-36	-78	-118	-151	-170	-137
1460	-125	-86	-31	15	11	-41	-71	-92	-110	-79	2000	-122	-125	-136	-154	-154	-153	-157	-157	-101	-32
1470	-24	11	53	45	8	-16	-39	-39	-40	-37	2010	13	63	86	49	6	-16	-14	8	26	31
1480	-39	-40	-45	-42	-19	0	-24	-28	-8	34	2020	48	78	97	104	102	103	103	103	103	103
1490	52	54	37	-13	-49	-67	-68	-10	13	24	2030	103	103	102	85	28	-21	-49	-52	-50	43
1500	10	-19	-35	-20	9	-41	-11	43	54	56	2040	-34	21	55	61	71	77	71	75	58	37
1510	-2	-21	8	44	41	14	-22	-16	-2	20	2050	66	132	134	81	34	57	115	96	99	62
1520	-17	-48	-38	7	31	4	-42	-58	-83	-70	2060	0	24	41	69	59	-11	-64	-99	-131	-85
1530	-8	-10	-7	-11	-35	-73	-68	-16	50	65	2070	-48	-63	-88	-145	-172	-162	-93	-26	-1	9
1540	41	7	0	27	55	28	-8	-40	-51	-50	2080	17	21	1	-59	-9	21	19	5	-33	-67
1550	-49	-72	-107	-110	-84	-73	-87	-111	-97	-57	2090	-96	-110	-114	-103	-54	4	62	154	175	134
1560	-50	-51	-65	-90	-121	-84	-40	-65	-106	-123	2100	94	53	-3	-61	-95	-138	-174	-183	-189	-147

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630 UP)										CONTINUED (M-630 UP)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2110	-95	-33	33	64	79	63	49	20	17	59	2650	-20	-16	20	28	-3	-26	-44	-51	-52	-47
2120	97	99	72	50	-25	-73	-88	-24	23	2	2660	-39	-69	-62	-62	-61	-52	-49	-42	-81	-134
2130	-33	-102	-135	-166	-163	-191	-256	-222	-133	-133	2670	-162	-182	-186	-181	-152	-134	-117	-101	-97	-84
2140	-90	-85	-80	-100	-109	-41	22	69	100	97	2680	-73	-63	-62	-62	-115	-148	-123	-82	-60	-88
2150	82	97	104	82	59	32	51	94	118	147	2690	-129	-161	-157	-132	-97	-72	-27	36	87	84
2160	171	187	185	188	194	193	157	99	66	31	2700	12	-30	-75	-98	-44	-52	118	128	140	17
2170	31	38	37	15	10	36	87	110	126	139	2710	180	183	162	96	26	63	107	79	49	17
2180	126	79	32	-30	-74	-90	-92	-96	-110	-115	2720	-29	-91	-84	-109	-129	-91	-49	2	59	110
2190	-86	-45	-83	-162	-167	-219	-200	-122	-42	-2	2730	103	95	53	1	32	51	39	24	7	-17
2200	30	-29	21	66	83	94	69	36	41	52	2740	-50	-11	37	84	112	110	83	70	116	166
2210	37	20	22	12	14	43	35	24	14	-17	2750	197	222	228	248	246	204	135	85	54	37
2220	-51	-75	-82	-94	-117	-160	-96	-34	-71	-33	2760	70	153	188	166	129	154	197	222	228	227
2230	0	9	0	-17	-33	-50	-50	-50	-71	-77	2770	227	192	158	128	104	89	77	61	87	80
2240	-71	-5	39	-8	-50	-52	20	92	74	15	2780	3	5	18	-5	-42	-24	-43	-32	-2	-2
2250	-15	-119	-28	68	77	22	-27	-47	-100	-146	2790	-8	-23	-28	-55	-128	-187	-187	-164	-191	-194
2260	-127	-112	-83	-64	-59	-50	-65	-73	-72	-72	2800	-212	-187	-106	-54	-10	21	32	5	-34	-75
2270	-72	-67	-66	-44	-71	-92	-93	-81	-62	-66	2810	-114	-159	-131	-186	-123	-103	-78	-71	-11	-11
2280	-86	-103	-130	-147	-157	-146	-94	-67	-29	-9	2820	32	10	-16	-44	-41	-22	-9	0	-10	-20
2290	5	-19	-8	37	111	130	148	156	139	110	2830	-7	1	-6	-34	-51	-60	-71	-81	-99	-123
2300	86	68	60	63	71	78	25	-28	-32	-41	2840	-133	-141	-152	-150	-122	-45	-33	-20	15	-20
2310	-47	-53	-49	11	45	-59	-43	6	6	6	2850	55	95	104	120	145	173	187	184	193	198
2320	-6	-37	-41	-22	-32	-27	-25	-79	-140	-199	2860	133	117	71	39	22	19	28	30	39	60
2330	-143	-137	-239	-271	-214	-124	-30	-30	-22	37	2870	63	43	13	-2	29	43	60	42	40	44
2340	85	137	78	35	30	39	20	-44	-108	-118	2880	43	63	66	28	-11	-43	-32	-68	-84	-125
2350	-60	-1	37	-2	-19	-30	-31	3	37	10	2890	-157	-152	-126	-63	-13	20	31	22	0	-15
2360	-14	-32	-27	-13	-21	-62	-119	-130	-118	-86	2900	-30	-36	-95	-134	-118	-91	-71	-52	-58	-92
2370	46	-10	25	56	92	104	101	122	165	221	2910	-103	-92	-60	-52	-25	-20	-15	9	41	76
2380	243	198	170	142	112	91	68	43	27	34	2920	103	105	51	-9	-57	-93	-113	-97	-82	-83
2390	75	80	56	38	18	49	140	183	170	143	2930	-78	-55	-31	-17	-6	21	38	54	71	72
2400	112	91	118	103	91	94	68	31	20	21	2940	71	84	121	176	213	188	141	95	54	30
2410	16	-6	-10	-10	-5	19	41	61	47	24	2950	45	71	84	100	121	147	166	165	165	165
2420	-19	0	72	134	171	174	153	134	137	158	2960	165	165	171	182	194	197	196	194	166	132
2430	191	198	171	133	83	29	11	10	9	12	2970	90	31	4	-15	-40	-101	-65	-11	-2	-17
2440	23	44	65	80	102	103	103	105	109	10	2980	-71	-63	-38	5	-12	-55	-50	-35	-2	24
2450	-90	-212	-288	-228	-177	-121	-85	-69	-93	-114	2990	47	54	69	35	12	-75	-103	-99	-70	-32
2460	42	-6	-6	-77	-51	-4	40	101	152	123	3000	0	31	7	-25	-24	-8	-16	-38	-77	-95
2470	42	-6	-6	-77	-51	-4	40	101	152	123	3010	-91	-104	-101	-106	-57	-7	24	54	41	17
2480	-69	-74	-62	-95	-114	-132	-116	-84	-85	-173	3020	-21	-43	-86	-130	-14	-15	-154	-155	-155	-126
2490	-149	-189	-208	-184	-149	-144	-162	-201	-155	-173	3030	-60	-28	-41	-82	-72	-69	-52	-46	-15	42
2500	-14	48	95	130	154	167	186	196	161	112	3040	40	30	-5	-53	-95	-119	-123	-130	-97	-97
2510	72	35	12	7	-24	-40	-50	-58	-59	-6	3050	-64	-52	-84	-125	-164	-167	-134	-98	-65	-112
2520	12	9	11	9	10	9	11	4	-6	-20	3060	-137	-132	-146	-154	-164	-176	-170	-149	-101	-34
2530	-46	-90	-114	-90	-31	11	51	94	90	40	3070	24	50	-22	-52	-56	-62	-96	-148	-179	-200
2540	-6	-37	-38	-3	45	79	95	88	70	18	3080	-167	-126	-95	-66	-49	-43	-34	-26	-8	18
2550	-7	-35	-38	-12	30	61	80	53	8	-42	3090	58	79	100	103	110	127	168	237	280	300
2560	-128	-103	-61	-13	-32	-86	-153	-201	-198	-18	3100	264	237	227	228	224	215	241	278	284	297
2570	-153	-124	-68	-31	-21	-24	-38	-60	-108	-106	3110	272	213	155	114	102	114	110	81	50	35
2580	-75	-47	-23	-56	-101	-113	-119	-134	-144	-81	3120	30	32	31	48	73	101	128	171	175	133
2590	-134	-136	-145	-144	-144	-145	-138	-118	-104	-81	3130	45	42	40	51	69	49	20	1	17	49
2600	-48	-16	10	35	67	72	68	70	74	56	3140	60	89	39	-5	-11	-6	18	35	41	37
2610	40	-22	8	70	22	23	19	65	114	149	3150	-23	-102	-146	-152	-107	-73	-50	-13	21	31
2620	180	196	189	182	210	227	212	167	155	155	3160	50	14	-21	-28	-28	-36	-72	-86	-91	-115
2630	167	152	113	81	39	29	58	63	86	98	3170	-143	-153	-129	-91	-36	-23	-19	-24	-24	-51
2640	113	147	168	141	113	83	53	24	-5	-5	3180	-87	-106	-120	-124	-123	-134	-172	-219	-257	-279

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630 UP)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3190	-269	-241	-201	-164	-146	-137	-133	-134	-139	-154
3200	-165	-177	-209	-245	-263	-212	-166	-132	-105	-102
3210	-110	-114	-121	-150	-153	-135	-136	-115	-69	40
3220	-40	-47	-50	-50	-53	-45	-34	-7	20	38
3230	61	82	103	112	116	135	168	200	208	203
3240	195	190	171	136	103	70	34	30	31	31
3250	23	4	-23	-44	-60	-73	-76	-93	-56	-12
3260	-27	-58	-72	-71	-65	-43	-23	14	19	21
3270	22	34	43	31	-4	-34	-53	-49	-42	5
3280	64	90	95	77	69	62	58	50	53	46
3290	47	69	99	136	169	211	217	216	228	246
3300	273	289	288	267	245	217	187	151	63	75
3310	146	135	90	63	53	75	90	102	91	34
3320	25	86	116	106	50	9	-25	-19	-11	-50
3330	-59	-89	-139	-168	-138	-100	-54	19	11	-19
3340	-8	16	24	12	26	33	44	64	73	42
3350	-12	-57	-67	-97	-103	-85	-82	-92	-121	-155
3360	-134	-115	-67	-54	-93	-142	-156	-143	-147	-126
3370	-126	-176	-190	-204	-238	-277	-304	-354	-439	-512
3380	-424	-373	-329	-309	-292	-302	-323	-283	-236	-212
3390	-202	-186	-134	-79	-35	-16	21	42	24	3
3400	-5	0	0	0	0	0	0	1	12	36
3410	51	58	70	71	43	29	38	58	103	133
3420	134	128	94	91	111	134	146	140	112	79
3430	44	30	31	30	31	31	29	42	112	98
3440	58	42	30	31	30	30	37	51	52	48
3450	30	16	13	38	74	106	128	110	79	57
3460	35	18	-1	-10	-10	-9	2	21	40	50
3470	65	91	141	181	205	218	188	153	94	64
3480	34	60	109	140	157	166	176	173	185	186
3490	186	186	186	186	185	187	181	166	153	108
3500	73	31	19	22	9	-17	-47	-74	-110	-142
3510	-169	-186	-184	-172	-158	-146	-144	-145	-144	-141
3520	-121	-103	-103	-123	-161	-176	-172	-165	-165	-165
3530	-165	-176	-197	-207	-206	-206	-195	-185	-187	-185
3540	-182	-131	-107	-125	-88	-39	-6	17	21	20
3550	11	-13	-65	-64	-72	-77	-85	-79	-87	-86
3560	36	27	36	44	56	63	51	3	-34	-64
3570	-96	-131	-135	-133	-135	-118	-90	-75	-80	-90
3580	-93	-92	-93	-93	-104	-88	-48	-16	0	-15
3590	-20	-21	-15	12	58	81	63	22	-22	-47
3600	-64	-65	-101	-98	-100	-90	-80	-68	-129	-170
3610	-132	-48	67	90	78	47	5	8	25	20
3620	-10	-41	-17	11	25	23	25	23	25	22
3630	46	79	104	131	155	186	221	246	281	297
3640	253	217	199	213	234	279	291	249	199	166
3650	149	138	139	149	175	202	179	135	68	16
3660	15	24	23	36	66	89	113	114	85	43
3670	17	29	-69	-92	-124	-154	-173	-160	-125	-111
3680	-95	-79	-69	-57	-66	-60	-89	-114	-134	-133
3690	-120	-128	-152	-126	-89	-65	-43	26	91	78
3700	44	19	4	-12	-9	21	34	-15	-56	-78
3710	-89	-101	-117	-134	-164	-191	-208	-215	-211	-217
3720	-190	-122	-59	-19	-42	-70	-84	-98	-99	-102

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(M-630 UP)										CONTINUED(M-630 UP)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4270	-5	-20	-36	-33	-12	0	-19	-36	-45	-56	4810	15	0	-12	-28	-41	-47	-48	-46	-30	-14
4280	-58	-37	-64	-69	67	-79	-78	-61	-47	-38	4820	0	10	14	13	14	14	14	22	27	39
4290	-29	-11	-6	4	31	62	61	20	3	-11	4830	39	10	16	43	63	70	82	92	105	-111
4300	-12	18	13	-24	-63	-90	-107	-119	-100	-89	4840	-101	-88	-76	-91	-118	-138	-132	-151	-150	-141
4310	-82	-84	-105	-119	-136	-152	-162	-161	-165	-204	4850	134	-122	-110	-83	-62	-52	-46	-37	-37	-37
4320	-251	-281	-288	-286	-285	-286	-284	-275	-273	-251	4860	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37
4330	-221	-194	-158	-124	-108	-110	-109	-111	-118	-130	4870	-59	-25	-16	-6	-4	-5	-3	-26	-35	-38
4340	-152	-168	-171	-157	-145	-123	-114	-101	-99	-99	4880	-56	-58	-36	-45	-43	-35	-38	-36	-30	-13
4350	-100	-98	-102	-73	-26	-2	156	143	141	176	4890	4	20	14	-25	-70	-93	-105	-111	-102	-85
4360	112	164	164	177	180	172	156	143	141	176	4900	-65	-89	-105	-121	-126	-103	-84	-69	-58	-58
4370	205	211	203	199	215	240	240	242	209	141	4910	-57	-59	-50	-31	-15	-5	-7	-5	-8	-16
4380	105	74	43	59	141	175	227	262	272	270	4920	-16	-16	-24	-35	-45	-59	-72	-83	-95	-109
4390	262	262	262	262	252	222	183	163	160	171	4930	-108	-126	-161	-155	-143	-96	-85	-131	-155	-151
4400	176	188	163	122	115	137	187	223	243	253	4940	-159	-102	-78	-66	-50	-44	-36	-38	-24	-6
4410	262	263	251	232	217	202	202	211	208	200	4950	-45	-34	-48	-58	-58	-58	-58	-57	-48	-43
4420	179	160	144	129	107	87	80	66	49	21	4960	-34	-28	-16	-16	-26	-32	-38	-36	-38	-33
4430	-26	-74	-103	-128	-148	-180	-214	-219	-187	-158	4970	23	-12	-6	-5	3	11	26	36	46	58
4440	-131	-102	-115	-150	-187	-209	-223	-224	-221	-221	4980	77	93	117	133	152	160	166	131	119	117
4450	-206	-171	-163	-183	-209	-232	-243	-260	-271	-278	4990	117	121	152	179	197	198	181	168	157	138
4460	-285	-278	-264	-251	-236	-222	-211	-195	-162	-123	5000	132	117	118	117	118	100	97	76	78	87
4470	-73	-48	33	34	35	35	37	115	-130	-122	5010	195	108	120	131	135	146	12	60	58	78
4480	-98	-73	-73	-99	-115	-121	-119	-113	-103	-98	5020	101	114	108	99	89	81	73	75	53	35
4490	-88	-72	-40	-16	-18	-5	16	63	120	163	5030	17	15	24	36	34	71	75	64	52	35
4500	178	167	119	124	139	116	69	65	99	131	5040	22	11	2	-4	-13	-17	-19	-42	-69	-79
4510	173	171	155	140	130	120	126	128	127	128	5050	-78	-69	-69	-82	-97	-112	-132	-160	-173	-190
4520	122	116	119	107	86	52	27	41	56	77	5060	-193	-191	-179	-165	-161	-162	-137	-145	-140	-141
4530	100	122	137	153	166	178	188	190	189	180	5070	-140	-144	-152	-150	-151	-151	-151	-151	-151	-151
4540	173	164	158	158	160	169	169	161	146	131	5080	-131	-150	-141	-133	-129	-131	-129	-131	-126	-120
4550	121	113	100	78	49	21	-4	-38	-69	-80	5090	-119	-121	-115	-109	-103	-99	-93	-79	-74	-61
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4570	-129	-139	-152	-160	-165	-176	-186	-197	-203	-202	5110	-7	-1	3	9	22	27	35	35	30	22
4580	-203	-203	-203	-204	-221	-247	-273	-285	-286	-277	5120	28	36	47	62	66	76	68	54	44	61
4590	-236	-227	-212	-213	-212	-187	-135	-149	-162	-163	5130	83	106	117	121	138	155	133	191	186	173
4600	-138	-109	-79	-44	-38	-32	-20	-16	-9	-5	5140	164	153	160	126	117	118	117	118	109	94
4610	-6	-6	-1	13	14	50	62	89	122	137	5150	86	86	86	86	86	86	86	86	86	86
4620	159	124	93	85	88	104	107	107	106	94	5160	58	50	43	31	24	16	13	14	15	14
4630	81	52	28	9	1	-6	-4	22	58	63	5170	14	23	25	22	8	5	9	3	3	9
4640	55	55	55	55	56	49	29	14	-5	-17	5180	16	23	25	22	8	5	9	3	3	9
4650	-59	-5	27	43	73	117	152	160	155	141	5190	-16	-19	-32	-51	-66	-77	-79	-78	-79	-75
4660	137	138	137	139	128	110	67	40	24	22	5200	-73	-92	-112	-136	-152	-150	-152	-147	-141	-154
4670	38	54	71	92	114	132	148	157	160	168	5210	-172	-181	-189	-176	-146	-133	-96	-101	-125	-141
4680	169	154	140	121	103	85	75	65	72	91	5220	-156	-151	-143	-135	-129	-133	-141	-141	-137	-123
4690	121	162	192	202	202	188	175	168	174	185	5230	-119	-120	-120	-120	-120	-120	-120	-129	-131	-128
4700	189	191	202	210	211	21	230	232	224	207	5240	-105	-84	-68	-55	-47	-61	-69	-67	-68	-68
4710	186	167	143	121	96	78	61	45	34	28	5250	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68
4720	63	92	92	82	75	66	55	41	28	15	5260	-38	-32	-26	-21	-15	-25	-27	-22	-27	-13
4730	6	-5	-16	-28	-37	-44	-48	-50	-59	-57	5270	28	41	54	55	55	56	54	60	73	80
4740	-58	-57	-58	-58	-58	-58	-58	-58	-58	-58	5280	85	93	92	85	87	86	87	86	86	86
4750	-58	-58	-58	-57	-59	-73	-103	-119	-111	-94	5290	87	85	77	71	57	44	31	20	15	14
4760	-64	-46	-30	-26	-27	-27	-36	-37	-37	-37	5300	14	14	14	14	14	14	13	14	13	19
4770	-40	-54	-57	-47	-36	-25	-31	-43	-54	-55	5310	48	65	66	62	62	52	38	22	13	16
4780	-27	0	28	44	45	44	49	55	64	74	5320	24	25	18	4	-5	-16	-17	-17	-9	-9
4790	55	39	24	24	33	35	34	39	51	67	5330	-28	-36	-46	-47	-55	-59	-57	-59	-56	-65
4800	83	98	104	85	77	73	63	53	43	31	5340	-64	-95	-92	-73	-58	-62	-61	-96	-116	-136

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630 UP)												CONTINUED (M-630 UP)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
5350	-154	-154	-135	-119	-101	-85	-75	-67	-68	-68	5890	39	37	45	62	72	83	90	90	90	82		
5360	-68	-69	-63	-63	-34	-9	8	20	24	14	5900	68	58	60	58	65	69	74	69	68	52		
5370	15	10	2	-11	-25	-27	-27	-27	-23	-13	5910	64	75	85	95	103	111	111	111	111	111		
5380	-17	2	-1	-12	-25	-37	-37	-37	-27	5	5920	110	116	122	121	123	121	121	121	121	121		
5390	13	14	13	4	-5	-18	-67	-68	-68	-68	5930	121	122	114	103	100	101	100	101	97	97		
5400	-68	-83	90	-97	-105	-97	-94	-102	-119	-135	5940	85	71	61	59	51	48	49	34	30	29		
5410	-147	-146	-138	-153	-120	-115	-117	-115	-103	-106	5950	24	17	9	-4	-4	-22	-27	-34	-34	-43		
5420	-105	-106	-108	-124	-136	-138	-123	-104	-110	-130	5960	-43	-43	-51	-55	-54	-53	-57	-65	-65	-64		
5430	-146	-147	-138	-116	-94	-84	-86	-93	-101	-110	5970	-64	-64	-64	-64	-64	-63	-70	-75	-81	-81		
5440	-116	-116	-116	-116	-116	-116	-116	-116	-116	-116	5980	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88		
5450	-116	-114	-102	-96	-88	-84	-85	-85	-85	-85	5990	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44		
5460	-83	-66	-34	-14	-6	-1	-2	-2	-2	-2	6000	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33		
5470	11	26	39	19	93	101	93	90	99	107	6010	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12		
5480	118	130	140	142	142	142	142	142	142	141	6020	142	142	142	142	142	142	142	142	142	142		
5490	144	151	141	116	82	70	69	70	70	68	6030	5	18	33	39	39	36	25	12	13	0		
5500	60	69	69	61	50	25	12	20	38	49	6040	7	13	25	28	28	28	28	28	28	28		
5510	37	10	-3	-11	-13	-12	-12	-22	-37	-43	6050	28	28	29	25	17	18	18	14	3	-1		
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5540	-106	-105	-108	-117	-132	-145	-145	-157	-153	-153	6080	60	55	48	49	49	49	48	37	27	28		
5550	-80	-85	-84	-42	-32	-35	-24	-22	-23	-23	6090	28	28	28	28	28	28	37	60	70	66		
5560	-23	-23	-23	-24	-36	-50	-63	-64	-64	-64	6100	52	39	28	28	28	28	15	-6	-13	-12		
5570	-64	-64	-64	-64	-64	-64	-64	-64	-65	-60	6110	-4	-1	-3	-11	-13	-11	-19	-23	-28	-39		
5580	-28	-24	-33	-34	-44	-55	-72	-84	-85	-85	6120	-46	-57	-64	-64	-63	-67	-78	-88	-95	-85		
5590	-82	-63	-43	-31	-44	-50	-18	5	30	40	6130	-78	-66	-77	-92	-118	-138	-153	-158	-157	-157		
5600	33	23	14	28	54	59	59	59	58	62	6140	-157	-157	-158	-157	-158	-152	-146	-144	-124	-102		
5610	70	69	70	69	70	68	75	80	80	78	6150	-84	-74	-75	-74	-75	-68	-56	-43	-29	-25		
5620	62	53	44	29	31	66	104	112	89	60	6160	-38	-41	-32	-24	-15	-12	-13	-7	9	29		
5630	30	2	5	75	99	101	91	79	79	67	6170	47	49	47	34	27	28	28	28	28	28		
5640	40	47	13	-7	-16	-22	-27	-34	-41	-50	6180	27	35	45	56	59	64	77	91	99	108		
5650	-55	-51	-36	-26	-25	-57	-66	-89	-74	-54	6190	111	111	111	111	110	101	100	101	101	101		
5660	-61	-67	-119	-135	-138	-117	-92	-103	-117	-137	6200	111	111	110	116	123	118	109	93	80	66		
5670	-147	-153	-159	-150	-138	-136	-137	-157	-137	-137	6210	58	60	59	60	55	47	53	60	59	60		
5680	-145	-153	-159	-153	-147	-147	-148	-143	-133	-116	6220	51	48	49	48	51	59	59	59	46	30		
5690	-94	-85	-85	-80	-69	-64	-65	-65	-66	-66	6230	20	4	-7	-15	-22	-24	-12	6	7	-3		
5700	-53	-57	-64	-66	-75	-74	-65	-46	-22	-6	6240	-13	-12	-10	-10	5	2	-16	-23	-23	-23		
5710	0	8	0	-2	-3	-13	-11	-18	-25	-31	6250	-23	-23	-30	-37	-44	-44	-44	-43	-44	-43		
5720	-41	-44	-44	-38	-27	-19	-12	-13	-10	-1	6260	-44	-43	-43	-44	-41	-33	-33	-33	-33	-33		
5730	6	20	36	55	60	59	59	59	59	59	6270	-33	-33	-33	-33	-33	-48	-61	-64	-64	-64		
5740	61	69	69	69	71	85	94	116	136	143	6280	-65	-51	-51	-43	-35	-31	-24	-17	-12	17		
5750	141	148	153	152	152	154	163	163	162	163	6290	-1	-2	-2	-2	2	3	8	9	18	17		
5760	160	152	151	133	107	92	84	71	61	59	6300	18	17	18	29	37	46	49	49	48	56		
5770	59	60	55	48	49	49	49	49	48	49	6310	59	64	70	69	69	61	52	48	58	68		
5780	42	32	24	15	-2	-2	36	53	38	25	6320	86	103	111	111	111	111	111	110	101	101		
5790	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	6330	100	101	96	88	80	81	74	68	56	40		
5800	-2	-2	-2	-4	-17	-28	-34	-41	-53	-67	6340	29	28	28	28	28	28	28	28	27	35		
5810	-77	-88	-93	-95	-95	-96	-94	-99	-106	-108	6350	38	44	51	58	62	71	65	58	60	59		
5820	-116	-106	-105	-109	-116	-116	-116	-116	-116	-116	6360	59	59	59	59	59	59	50	42	37	40		
5830	-106	-105	-109	-117	-116	-116	-168	-167	-143	-135	6370	34	29	25	22	28	31	39	38	31	27		
5840	-126	-143	-153	-161	-168	-167	-168	-157	-143	-135	6380	28	19	11	3	-3	-2	-3	5	8	7		
5850	-140	-148	-148	-158	-158	-157	-146	-116	-88	-85	6390	7	7	0	-3	-3	-1	-5	-12	-16	-16		
5860	-126	-146	-156	-158	-157	-146	-116	-88	-85	-85	6400	-24	-22	-24	-19	-13	-7	-1	-2	-3	-13		
5870	-85	-84	-81	-81	-71	-56	-27	-11	-3	-2	6410	-20	-30	-33	-41	-44	-43	-44	-43	-52	-64		
5880	-2	-2	-2	-2	0	10	24	32	40	38	6420	-75	-89	-104	-106	-105	-106	-105	-106	-105	-106		

CONTINUED (M-630 UP)										CONTINUED (M-630 UP)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6430	-105	-107	-101	-95	-89	-75	-58	-38	-32	-36	6970	7	8	6	13	25	33	39	39	32	24
6440	-54	-50	-55	-53	-54	-54	-54	-37	-33	-33	6980	11	7	7	15	32	43	49	48	48	36
6450	-33	-33	-33	-34	-28	-21	-13	-12	-14	-13	6990	29	18	6	8	7	0	7	7	10	-33
6460	-3	0	-3	-2	-2	-2	-2	-6	-11	-6	7000	-23	-23	-23	-23	-13	8	6	13	18	18
6470	-1	-2	-2	-2	-2	-2	-2	-2	-2	-2	7010	27	28	28	28	28	36	46	57	59	59
6480	-2	-2	-2	4	9	6	14	18	18	15	7020	59	50	35	48	49	43	49	48	49	48
6490	7	3	7	8	15	24	28	28	26	15	7030	57	60	59	59	59	62	71	69	70	69
6500	7	0	-8	-17	-21	-3	6	8	1	-9	7040	51	49	48	53	59	83	74	69	70	69
6510	-14	-9	-2	-12	-5	-12	-19	-24	-21	-13	7050	81	91	90	90	90	83	74	69	70	69
6520	-12	-12	-12	-12	-12	-12	-21	-23	-22	-23	7060	72	79	86	91	82	74	69	70	67	47
6530	-23	-23	-22	-29	-35	-31	-40	-43	-52	-54	7070	31	28	28	23	23	28	28	28	28	27
6540	-58	-65	-64	-57	-36	-17	-12	-13	-12	-13	7080	11	-8	-25	-35	-19	-54	-55	-64	-64	-64
6550	-12	-13	-12	-13	-12	-13	-5	-1	-2	-2	7090	-64	-64	-65	-72	-79	-85	-88	-96	-95	-95
6560	5	17	29	38	39	48	49	49	49	49	7100	-100	-107	-105	-106	-105	-106	-105	-105	-105	-108
6570	49	48	49	41	38	38	39	50	60	69	7110	-116	-115	-116	-115	-117	-110	-105	-106	-105	-106
6580	69	69	69	69	70	69	64	53	44	44	7120	-114	-117	-115	-122	-127	-126	-126	-126	-126	-126
6590	35	28	28	28	28	28	27	29	23	17	7130	-125	-116	-115	-132	-137	-136	-136	-136	-136	-136
6600	36	8	2	-3	-1	-5	-13	-12	-15	-12	7140	-73	-65	-62	-62	-61	-53	-53	-54	-54	-54
6610	-21	-23	-23	-23	-22	-24	-36	-43	-44	-34	7150	-2	0	0	8	7	8	7	8	7	16
6620	-36	-45	-55	-70	-85	-83	-74	-60	-53	-54	7160	50	48	50	42	47	60	58	67	69	76
6630	-71	-74	-75	-74	-75	-68	-64	-61	-54	-64	7170	80	82	97	101	100	101	100	101	100	100
6640	-71	-79	-89	-97	-105	-106	-105	-106	-99	-90	7180	101	100	101	93	90	90	90	90	91	79
6650	-82	-82	-66	-55	-46	-35	-33	-31	-22	-23	7190	65	59	59	60	55	48	49	48	49	49
6660	-24	-33	-33	-33	-32	-24	-22	-14	-11	-16	7200	49	48	49	48	50	43	29	7	0	20
6670	-23	-23	-18	-6	-2	-3	-19	-23	-22	-23	7210	37	34	25	13	-1	-5	-11	-20	-33	-36
6680	-22	-24	-18	-11	-15	-23	-23	-23	-23	-18	7220	-35	-36	-35	-36	-35	-48	-56	-56	-55	-60
6690	-2	12	31	46	49	48	49	48	51	60	7230	-66	-73	-87	-94	-98	-97	-98	-106	-108	-107
6700	58	64	69	72	82	88	91	90	90	90	7240	-108	-108	-108	-108	-108	-108	-108	-108	-108	-109
6710	81	71	69	69	77	88	97	101	100	102	7250	-117	-122	-134	-139	-139	-139	-139	-139	-139	-139
6720	94	77	67	58	60	56	50	41	22	12	7260	-139	-130	-139	-130	-138	-160	-136	-128	-127	-174
6730	6	8	8	8	5	-2	-2	-2	-9	-18	7270	-102	-98	-91	-87	-77	-57	-49	-38	-35	-35
6740	-24	-32	-35	-33	-33	-35	-25	-14	-12	-13	7280	-35	-35	-35	-36	-35	-36	-31	-24	-26	-21
6750	-22	-23	-26	-37	-54	-77	-85	-87	-96	-95	7290	-15	-12	-3	4	5	5	4	9	15	18
6760	-95	-95	-95	-95	-95	-96	-91	-84	-91	-97	7300	26	33	37	35	37	36	37	35	41	48
6770	-89	-84	-87	-87	-96	-95	-95	-95	-95	-96	7310	55	58	56	58	51	46	47	46	47	46
6780	-92	-84	-85	-85	-85	-85	-76	-66	-56	-46	7320	47	46	47	46	47	46	47	45	36	37
6790	-40	-29	-4	19	35	55	63	71	80	89	7330	36	37	30	25	26	26	26	26	26	26
6800	97	102	108	116	121	130	131	136	143	141	7340	26	25	34	37	36	36	36	36	36	36
6810	142	141	142	141	145	153	152	152	152	151	7350	36	36	36	37	33	21	15	15	6	5
6820	142	142	142	134	131	132	130	121	121	113	7360	5	-3	-4	-4	-4	-7	-15	-14	-15	-14
6830	109	101	100	100	91	90	90	99	100	103	7370	-15	-8	-4	-4	-4	-7	-15	-14	-15	-14
6840	112	110	115	122	120	125	132	139	150	152	7380	-23	-24	-24	-24	-20	-36	-35	-37	-46	-45
6850	145	135	118	104	91	85	79	76	64	54	7390	-52	-57	-55	-56	-56	-57	-55	-60	-67	-66
6860	59	59	52	58	22	5	-2	-2	-2	-2	7400	-67	-65	-66	-66	-66	-75	-77	-76	-77	-77
6870	-2	-1	-8	-20	-25	-34	-42	-52	-59	-68	7410	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77
6880	-75	-82	-90	-98	-106	-114	-116	-116	-116	-116	7420	-77	-76	-80	-88	-87	-87	-87	-87	-87	-87
6890	-116	-115	-117	-112	-105	-106	-105	-106	-105	-106	7430	-87	-87	-87	-87	-87	-87	-87	-87	-87	-87
6900	-105	-106	-96	-96	-92	-84	-85	-85	-78	-61	7440	-56	-56	-57	-54	-45	-46	-45	-46	-46	-46
6910	-40	-35	-51	-54	-54	-46	-36	-25	-13	-13	7450	-38	-32	-38	-32	-31	-13	-11	-3	9	21
6920	-11	-18	-24	-22	-23	-22	-23	-23	-23	-22	7460	34	37	36	45	47	46	47	46	47	47
6930	-23	-22	-14	-5	-1	6	8	7	8	6	7470	47	47	46	47	46	54	60	75	84	93
6940	13	19	27	28	28	28	28	27	18	18	7480	99	98	98	98	98	98	98	98	98	89
6950	17	8	7	2	-7	-12	-20	-23	-23	-23	7490	88	85	72	57	32	23	15	16	15	15
6960	-23	-22	-24	-19	-13	-7	0	6	8	7	7500	15	15	16	15	16	15	16	15	16	15

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (N-630 UP)										CONTINUED (N-630 UP)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7510	23	27	25	26	26	26	26	26	26	26	8050	15	8	4	6	4	4	-1	-5	-4	
7520	26	25	-12	22	15	8	4	-4	-4	-4	8060	-4	-4	-4	-4	-4	-4	-4	-13	-14	
7530	-3	-4	-23	-23	-25	-25	-25	-25	-25	-25	8070	-15	-14	-15	-8	-3	-7	-25	-35	-36	
7540	-26	-14	-15	-15	-15	-8	-4	-4	-13	-15	8080	-33	-25	-16	-14	-15	-15	-14	-19	-28	
7550	-14	-15	-15	-14	-16	-25	-33	-36	-42	-49	8090	-35	-36	-35	-36	-28	-8	-4	4	6	
7560	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	8100	4	3	16	15	16	15	17	8	5	
7570	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	8110	5	-4	-4	-4	-4	-4	-4	-4	0	
7580	-52	-44	-47	-37	-36	-30	-25	-21	-14	-12	8120	-4	-4	-4	-4	-4	-4	-4	-4	-4	
7590	0	5	13	16	15	18	26	35	37	36	8130	-15	-14	-19	-27	-38	-49	-59	-66	-67	
7600	36	36	36	36	36	36	36	36	36	36	8140	-55	-57	-50	-45	-47	-43	-35	-35	-35	
7610	36	36	36	36	36	36	36	36	36	36	8150	-35	-35	-35	-35	-35	-35	-35	-35	-35	
7620	47	46	47	46	47	46	47	46	47	46	8160	-26	-34	-26	-22	-10	-1	1	11	16	
7630	36	36	28	25	27	20	15	9	5	0	8170	16	15	16	15	15	16	15	17	25	
7640	-9	-15	-15	-15	-15	-15	-15	-15	-15	-15	8180	37	33	21	16	15	19	26	35	36	
7650	-15	-22	-31	-36	-35	-35	-34	-41	-46	-46	8190	35	25	26	34	45	47	46	47	46	
7660	-47	-59	-66	-66	-58	-50	-45	-46	-54	-54	8200	46	50	58	67	78	89	106	109	108	
7670	-56	-60	-67	-66	-67	-66	-74	-91	-102	-112	8210	108	109	100	99	94	87	89	88	88	
7680	-119	-116	-108	-108	-108	-108	-108	-96	-86	-87	8220	88	88	88	88	88	88	88	88	88	
7690	-87	-87	-88	-88	-82	-75	-69	-62	-56	-56	8230	83	77	78	77	78	70	62	48	36	
7700	-56	-56	-57	-54	-45	-46	-40	-34	-37	-46	8240	26	26	26	26	26	26	26	26	26	
7710	-29	-25	-21	-13	-7	15	15	15	14	-14	8250	26	26	26	26	26	26	26	26	26	
7720	-15	-13	-3	7	15	15	20	35	44	47	8260	26	26	26	19	-2	-23	-34	-36	-35	
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7740	16	14	14	15	13	16	15	16	15	16	8280	-56	-56	-56	-56	-60	-67	-74	-85	-89	
7750	15	16	15	16	15	16	15	16	15	16	8290	-98	-97	-98	-97	-98	-97	-98	-93	-85	
7760	-4	-5	-15	-22	-26	-24	-31	-36	-35	-36	8300	-107	-108	-116	-119	-115	-107	-108	-108	-108	
7770	-35	-39	-49	-55	-68	-84	-90	-98	-97	-97	8310	-108	-108	-108	-108	-108	-108	-108	-108	-107	
7780	-98	-91	-86	-88	-84	-74	-62	-48	-36	-29	8320	-95	-86	-76	-63	-57	-50	-44	-47	-35	
7790	-20	-14	-14	-17	-26	-24	-32	-36	-36	-36	8330	-31	-17	-14	-6	-4	-5	3	5	7	
7800	-34	-39	-45	-50	-57	-55	-56	-56	-56	-56	8340	15	16	15	16	15	16	15	16	14	
7810	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	8350	26	29	37	35	37	35	41	47	50	
7820	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	8360	73	79	89	104	113	121	115	108	109	
7830	-15	-14	-6	-4	-4	-4	-4	-5	-2	5	8370	109	101	98	99	98	99	98	99	93	
7840	5	14	16	15	16	14	20	26	32	37	8380	89	83	77	78	77	79	71	67	58	
7850	36	37	36	36	36	36	36	36	36	36	8390	30	19	14	5	5	6	15	15	16	
7860	35	41	47	46	50	62	67	73	79	77	8400	17	9	5	2	-5	-4	-5	-4	-4	
7870	78	77	78	77	78	58	44	37	36	37	8410	-4	-4	-4	-4	-4	-4	-4	-4	-4	
7880	65	56	58	67	67	68	63	53	48	42	8420	30	36	36	37	30	19	9	5	5	
7890	35	28	24	16	15	16	15	16	15	16	8430	4	10	16	15	16	15	16	15	16	
7900	15	15	16	15	16	15	7	-3	-12	-18	8440	16	12	1	-6	-15	-5	-4	-4	-5	
7910	-25	-25	-25	-25	-25	-25	-25	-24	-30	-36	8450	18	15	17	23	26	26	26	26	25	
7920	-35	-36	-35	-36	-35	-37	-45	-48	-56	-56	8460	12	4	-4	-16	-30	-36	-35	-27	-23	
7930	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	8470	-14	-15	-14	-16	-10	-4	-4	2	12	
7940	-56	-48	-45	-46	-48	-35	-36	-35	-35	-35	8480	23	26	30	38	35	38	30	25	26	
7950	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	8490	21	15	16	16	10	4	6	4	8	
7960	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	8500	15	16	15	16	15	17	10	5	1	
7970	-15	-14	-15	-12	-5	5	15	23	26	33	8510	-12	-16	-25	-24	-35	-46	-47	-56	-48	
7980	37	36	36	36	36	36	36	36	36	36	8520	-45	-46	-45	-48	-56	-56	-56	-56	-56	
7990	47	55	57	57	57	57	57	57	57	57	8530	-56	-58	-67	-65	-59	-52	-46	-43	-34	
8000	57	57	65	68	67	67	67	67	67	67	8540	-35	-36	-43	-52	-57	-55	-57	-53	-46	
8010	67	67	67	67	67	67	67	67	67	67	8550	-69	-66	-66	-75	-64	-57	-66	-66	-71	
8020	78	70	66	58	57	54	45	48	41	36	8560	-85	-88	-87	-86	-78	-67	-55	-55	-46	
8030	36	36	36	36	36	36	36	36	36	36	8570	-55	-55	-56	-56	-56	-56	-56	-56	-56	
8040	36	36	36	35	26	26	25	25	27	19	8580	-48	-57	-56	-56	-56	-56	-56	-56	-56	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-630 UP)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8590	-55	-60	-67	-66	-67	-66	-66	-66	-66	-67
8600	-65	-56	-56	-48	-42	-35	-29	-17	-14	-15
8610	-15	-6	-4	-5	-4	-4	-4	-5	-4	-6
8620	-14	-20	-26	-24	-32	-36	-35	-35	-21	-14
8630	-7	-3	-5	-13	-15	-14	-15	-14	-15	-14
8640	-15	-24	-25	-25	-25	-25	-26	-35	-35	-34
8650	-28	-16	-8	-3	-15	-4	-4	-5	-5	0
8660	4	14	16	15	15	16	15	25	22	15
8670	16	15	16	15	15	16	15	17	26	26
8680	28	26	26	25	27	19	15	16	15	16
8690	13	18	15	15	15	15	15	15	15	15
8700	15	14	-15	-15	-15	-15	-15	-15	-15	-14
8710	-15	-14	-15	-15	-15	-15	-15	-15	-15	-15
8720	-15	-14	-15	-15	-15	-15	-15	-15	-15	-15
8730	-15	-14	-15	-14	-15	-14	-18	-26	-25	-25
8740	-25	-25	-25	-24	-31	-36	-35	-36	-35	-35
8750	-35	-35	-35	-35	-35	-35	-35	-36	-35	-28
8760	-24	-25	-24	-25	-24	-28	-35	-35	-35	-34
8770	-31	-27	-37	-34	-36	-33	-26	-18	-14	-14
8780	-4	-4	-4	-4	-11	-15	-14	-15	-14	-15
8790	-15	-15	-15	-14	-15	-14	-20	-35	-35	-35
8800	-24	-26	-21	-13	-16	-11	-4	7	16	22
8810	38	36	36	36	36	37	31	26	19	17
8820	33	36	37	46	47	47	46	47	46	47
8830	46	49	57	57	57	57	66	68	67	67
8840	67	67	67	67	68	64	56	58	56	48
8850	46	48	38	17	15	16	15	21	26	27
8860	37	36	36	36	36	36	37	34	27	27
8870	22	15	8	4	6	3	-5	0	6	5
8880	5	5	5	5	5	5	5	5	5	5
8890	-3	-25	-39	-50	-57	-56	-56	-55	-57	-51
8900	-45	-46	-45	-46	-47	-56	-56	-54	-54	-54
8910	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56
8920	-56	-56	-56	-57	-51	-45	-46	-45	-46	-46
8930	-46	-46	-46	-46	-45	-52	-60	-67	-65	-72
8940	-77	-34	-88	-86	-88	-88	-88	-86	-93	-108
8950	-114	-120	-112	-101	-92	-80	-64	-50	-46	-39
8960	-34	-36	-35	-35	-35	-35	-35	-35	-35	-35
8970	-36	-46	-45	-51	-56	-60	-68	-65	-57	-50
8980	-45	-43	-34	-37	-27	-16	-8	-3	-5	-4
8990	-4	-4	5	4	12	15	21	26	28	37

END

RECORD = S-1592 COMPONENT = SOUTH STATION = AOHORI-S
 DATE AND TIME = 1983-06-21-15-26 TOTAL NUMBER OF DATA = 8950
 SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 SIGNAL = GR. ACC.
 CONNECTION POINT IN DATA NUMBER = 3017, 5997, 8950,

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
20	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
30	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
40	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
50	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
60	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
70	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
80	11	2	0	-3	-5	-8	-17	-25	-32	-23
90	15	18	18	18	18	18	18	18	18	18
100	15	18	18	18	18	18	18	18	18	18
110	-11	-21	-27	-28	-27	0	17	30	37	35
120	27	19	9	0	-4	0	5	8	5	-3
130	-14	-18	-20	-20	-19	-13	-8	-1	5	9
140	10	10	6	0	-5	-9	-13	-16	-20	-23
150	-25	-25	-25	-25	-27	-28	-20	-11	-4	-2
160	-8	-5	-8	-6	-6	-5	-12	-21	-23	-25
170	-24	31	24	13	-3	-12	-19	-10	5	12
180	21	31	24	13	-3	-12	-19	-10	5	12
190	42	50	56	55	41	26	11	-2	-11	-12
200	-12	-10	3	23	47	63	64	62	54	40
210	28	15	0	0	8	19	24	30	33	31
220	23	13	4	-11	-16	-18	-20	-20	-21	-21
230	-24	-24	-22	-13	0	10	15	11	0	-11
240	-25	-37	-40	-30	-16	-8	0	8	13	12
250	11	10	10	9	9	8	10	12	12	13
260	12	10	6	5	7	10	10	10	6	4
270	8	15	13	14	23	28	30	23	12	8
280	-4	-9	-10	-12	-14	-3	13	34	48	51
290	43	28	8	-10	-13	-13	-7	-6	-6	-5
300	-1	-4	-6	-5	-6	-11	-11	-11	-11	-11
310	-2	1	2	9	9	10	12	13	14	16
320	18	21	21	19	15	11	10	8	5	-2
330	-8	-10	-10	-8	-3	0	-3	-6	-2	5
340	8	10	10	11	10	5	5	7	5	4
350	4	6	11	16	21	25	33	39	38	35
360	26	10	-4	-11	-9	0	13	19	19	14
370	7	5	8	21	29	30	32	33	31	23
380	6	-12	-18	-12	-2	4	-3	-7	-14	-25
390	-27	-25	-21	-18	-16	-16	-9	-4	-1	-1
400	-3	-7	-11	-18	-29	-38	-46	-67	-41	-40
410	-33	-30	-24	-14	-8	-5	-5	-12	-20	-19
420	-16	-15	-16	-20	-29	-33	-31	-26	-14	-8
430	4	12	35	40	40	40	38	32	30	33
440	32	26	25	11	9	9	12	16	20	25
450	32	34	45	44	41	36	29	25	18	11
460	11	6	-1	-4	-4	-5	-3	0	2	4
470	7	12	17	17	5	-8	-23	-35	-40	-34
480	-19	-2	12	22	25	26	23	16	5	-3

TO BE CONTINUED

CONTINUED(S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	-1	4	4	4	0	0	-1	-5	-9	-13
500	-15	-16	-12	-7	-2	0	1	-2	-8	-11
510	-7	3	10	10	17	19	19	13	0	-16
520	-32	-44	-53	-56	-45	-23	5	37	46	50
530	45	34	20	3	-13	-16	-3	11	18	22
540	24	23	6	3	-5	-1	4	14	22	25
550	27	27	6	3	0	3	9	14	22	25
560	27	27	26	11	10	7	10	15	19	22
570	23	22	12	3	-9	-21	-23	-16	3	24
580	32	47	54	48	30	27	21	14	-9	-19
590	-19	-17	-11	-10	-11	-12	-16	-22	-32	-41
600	-37	-28	-17	-6	11	35	41	39	29	13
610	-4	-26	-38	-41	-32	-16	-3	4	9	17
620	23	27	34	40	42	43	42	37	31	27
630	29	36	40	44	49	51	52	47	30	22
640	18	12	0	-3	6	6	2	0	-1	-7
650	-13	-19	-19	-14	-8	1	8	13	19	25
660	29	29	28	15	9	-6	-16	-20	-22	-16
670	4	32	43	56	73	72	67	55	33	12
680	-10	-28	-58	-76	-90	-77	-55	-48	-37	-21
690	5	-2	-1	4	6	11	20	20	16	7
700	-2	-22	-25	-25	-24	-23	-21	-11	10	15
710	17	18	18	16	5	-15	-21	-24	-23	-20
720	-13	-9	-4	0	6	14	19	14	2	2
730	-9	-18	-25	-27	-29	-29	-29	-25	-19	-12
740	-1	6	11	13	13	13	13	15	26	38
750	42	43	42	40	30	11	-11	-21	-23	-17
760	-10	-9	-15	-17	-12	-11	-11	-10	-7	-7
770	-5	-4	-5	-7	-21	-39	-55	-61	-62	-59
780	-53	-39	-12	-6	32	16	13	11	-7	-9
790	-21	-25	-23	-6	32	28	28	21	26	28
800	36	53	58	60	59	51	35	35	25	27
810	29	27	21	12	5	-4	-13	-24	-29	-33
820	-37	-37	-37	-37	-36	-30	-25	-21	-20	-17
830	-12	-6	-6	-6	-2	5	11	12	10	3
840	-7	-21	-35	-45	-56	-69	-70	-65	-51	-36
850	-17	11	37	61	77	80	81	80	78	77
860	75	71	65	59	47	38	34	28	21	14
870	1	-11	-19	-30	-36	-32	-23	-12	-2	3
880	5	3	1	-5	-15	-23	-37	-36	-29	-22
890	-12	-9	-6	-5	-7	-13	-28	-38	-33	-23
900	-15	-8	1	11	22	28	51	66	69	67
910	62	50	36	18	5	0	1	12	18	18
920	15	6	-11	-24	-24	-20	-7	1	15	40
930	57	63	64	64	64	62	59	53	41	26
940	1	-24	-49	-58	-57	-45	-27	0	15	16
950	10	-6	-22	-32	-29	-16	-2	11	19	26
960	30	30	30	26	16	-1	-23	-45	-58	-68
970	-61	-44	-22	1	14	26	36	38	33	20
980	-14	-21	-10	-15	-11	-7	-5	-5	-9	-9
990	-30	-29	-27	-26	-24	-20	-39	-34	-31	-20
1000	-30	-29	-27	-26	-24	-20	-39	-34	-31	-20
1010	-33	-39	-43	-44	-40	-29	-26	-23	-21	-16
1020	-14	-8	-7	-5	-2	3	10	16	30	38

TO BE CONTINUED

CONTINUED(S-1592 SOUTH)											CONTINUED(S-1592 SOUTH)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	43	43	42	39	36	35	35	36	38	41	1570	58	60	57	48	41	37	27	11	4	6
1040	51	63	61	56	45	37	36	32	32	32	1580	1	-2	12	12	13	23	33	48	62	69
1050	32	29	21	16	20	20	33	33	43	49	1590	70	65	57	48	38	20	-1	-18	-32	-40
1060	51	51	50	47	38	21	4	-9	-23	-22	1600	-40	-34	-31	-27	-22	-16	-11	-16	-6	-3
1070	16	7	7	7	-8	-12	-20	-23	-19	-14	1610	3	13	23	23	29	27	23	17	10	1
1080	-11	-9	-9	-11	-19	-30	-38	-67	-70	-70	1620	-1	-8	-10	-17	-19	-19	-20	-23	-24	-23
1090	-73	-73	-61	-49	-31	-11	13	30	31	25	1630	-23	-13	-18	-18	-18	-11	-7	-10	-13	-16
1100	12	5	-19	-30	-36	-33	-24	-6	13	32	1640	-13	-16	-14	-10	-7	7	-21	-34	-49	-53
1110	40	43	47	47	47	47	45	40	27	12	1650	-54	-26	-9	-2	7	17	27	38	49	58
1120	-11	-15	-11	-3	3	3	1	-4	-4	-26	1660	55	49	46	58	58	51	48	50	46	42
1130	-38	-50	-61	-71	-72	-62	-32	-37	-20	-18	1670	46	47	46	44	41	37	34	29	20	7
1140	-26	-28	-18	-15	-8	-5	-8	-7	4	3	1680	-15	-47	-31	-110	-144	150	197	-208	-206	-193
1150	24	18	15	8	-5	-8	-7	-4	25	25	1690	-162	-121	-77	-46	1	-69	69	24	11	-45
1160	20	38	46	53	72	73	72	67	53	46	1700	211	207	199	180	152	116	69	0	34	65
1170	37	23	4	-7	-7	-8	-8	-2	14	14	1710	-83	-113	-130	-134	-119	-85	-44	0	31	46
1180	24	26	26	30	33	30	24	15	15	8	1720	98	119	129	134	133	122	100	80	61	46
1190	2	1	0	-4	-2	-4	-5	-5	-5	0	1730	26	-5	-6	-6	-6	-15	-126	-152	-99	-78
1200	16	17	20	21	23	26	16	-6	-11	-26	1740	-80	-43	-28	-26	-45	-80	-119	-155	-177	-179
1210	-38	-37	-30	-17	-5	0	4	11	10	-2	1750	-133	-132	-107	-83	-59	-46	-20	0	9	19
1220	-21	-52	-44	-50	-53	-49	-42	-35	-26	-13	1760	31	66	86	108	114	115	89	49	15	-31
1230	0	3	3	2	1	-3	-10	-19	-29	-38	1770	-63	-120	-176	-225	-250	-252	-209	-162	-105	-56
1240	-49	-60	-67	-76	-81	-83	-84	-85	-86	-87	1780	-13	23	44	45	43	26	-14	-41	-76	-120
1250	-90	-94	-94	-86	-74	-67	-61	-56	-48	-40	1790	-176	-208	-227	-237	-230	-200	-169	-140	-103	-83
1260	-38	-37	-26	-17	-8	2	23	42	58	75	1800	-79	-54	-51	-51	-50	-46	-31	-11	5	17
1270	81	88	94	98	106	105	99	88	76	60	1810	21	30	36	45	60	65	73	86	115	130
1280	46	38	37	46	53	58	60	49	37	27	1820	150	173	185	175	136	82	34	-22	-93	-167
1290	15	10	-3	-13	-15	-13	-12	-10	-7	-2	1830	-239	-286	-300	-272	-239	-194	-115	-19	68	133
1300	4	6	6	1	-7	-4	1	10	16	16	1840	170	202	227	235	221	204	186	149	153	147
1310	23	25	25	25	25	23	13	6	5	4	1850	119	89	65	29	6	15	44	63	94	124
1320	3	3	1	2	6	9	12	15	20	27	1860	169	188	221	227	183	159	168	165	132	110
1330	32	36	38	33	31	25	14	4	-4	-6	1870	88	58	36	18	49	74	104	133	151	158
1340	1	9	24	35	42	48	49	47	41	36	1880	136	94	56	-2	-59	-99	-113	-119	-109	-82
1350	33	32	32	32	30	21	14	5	-5	-19	1890	-67	-82	-58	-57	-41	-42	-35	-28	-5	-7
1360	-29	-36	-46	-58	-68	-76	-80	-80	-78	-74	1900	-18	-20	-26	-48	-48	-60	-70	-59	-43	-41
1370	-68	-61	-59	-59	-65	-68	-69	-71	-72	-72	1910	-41	-46	-52	-53	-52	-44	-15	4	28	64
1380	-72	-72	-72	-71	-69	-67	-64	-63	-62	-61	1920	92	114	124	116	95	67	38	18	-1	-11
1390	-58	-51	-50	-47	-41	-27	-4	7	15	31	1930	-3	19	37	54	74	110	147	173	186	177
1400	36	33	23	14	7	0	0	4	13	18	1940	149	120	91	64	24	-5	-34	-58	-75	-72
1410	20	21	24	24	15	5	0	-2	-2	-9	1950	-50	-28	-5	21	32	33	37	50	70	99
1420	-10	-10	-8	-7	-4	-3	-2	-6	8	11	1960	127	158	196	225	244	248	232	200	141	84
1430	14	15	17	17	16	10	-1	-8	-16	-23	1970	47	21	9	32	70	99	133	163	158	164
1440	-31	-40	-44	-47	-43	-31	-19	-73	73	64	1980	133	139	125	75	32	-39	-139	-211	-297	-371
1450	61	48	57	61	61	71	73	73	70	64	1990	-318	-339	-353	-360	-349	-308	-288	-258	-237	-235
1460	63	62	65	62	62	62	62	61	59	58	2000	-288	-285	-311	-322	-279	-237	-189	-150	-100	-55
1470	58	59	62	64	66	67	67	66	62	51	2010	-19	-13	-22	-31	-63	-35	-7	17	30	38
1480	40	29	15	0	-18	-35	-47	-56	-64	-69	2020	59	70	84	118	144	159	173	175	169	132
1490	-70	-70	-69	-69	-69	-65	-60	-56	-51	-48	2030	97	56	13	-34	-72	-106	-128	-145	-149	-153
1500	-34	-26	-19	-15	-13	-13	-13	-15	-22	-27	2040	-163	-175	-196	-220	-243	-252	-258	-268	-283	-283
1510	-32	-34	-30	-27	-25	-24	-20	-17	-15	-9	2050	-297	-303	-303	-292	-265	-241	-218	-193	-170	-157
1520	-4	1	13	26	32	40	49	51	51	51	2060	-156	-154	-155	-150	-135	-105	-60	-20	17	53
1530	51	51	50	49	46	41	33	43	49	49	2070	96	136	197	270	315	353	364	365	351	314
1540	43	43	48	52	55	58	59	59	57	45	2080	292	270	248	235	224	219	225	232	234	234
1550	40	38	32	25	17	4	-7	-10	0	8	2090	216	169	127	78	10	-80	-161	-224	-271	-280
1560	11	16	17	20	26	27	26	32	41	50	2100	-245	-171	-87	-9	52	72	56	-13	-57	-120

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1592 SOUTH)

CONTINUED(S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2110	-167	-204	-207	-169	-135	-114	-93	-81	-83	-101	2650	-24	-57	-102	-150	-196	-246	-286	-325	-334
2120	-117	-123	-126	-129	-132	-133	-124	-94	-58	-40	2660	-272	-233	-173	-85	66	164	205	225	211
2130	-31	-36	-46	-47	-46	-36	-39	-17	0	26	2670	111	54	-3	-52	-77	-79	-54	-25	0
2140	42	44	48	61	103	135	156	193	215	231	2680	83	137	174	198	207	183	136	92	31
2150	221	203	182	155	127	108	98	97	86	52	2690	66	-79	-76	-58	-21	17	32	14	-14
2160	32	9	-67	-76	-117	-163	-202	-247	-274	-449	2700	44	42	-28	-16	-5	11	27	45	52
2170	135	-135	-135	-46	-23	-1	24	41	52	86	2710	59	58	44	25	12	4	5	15	33
2180	309	133	156	173	178	158	132	95	112	140	2720	86	107	131	143	161	181	194	211	211
2190	141	173	180	173	155	150	157	155	152	149	2730	210	203	202	192	179	163	144	140	118
2200	137	113	92	35	91	104	122	120	112	112	2740	85	70	38	16	-19	-59	-84	-115	-117
2210	35	58	28	0	-24	-28	-59	-32	-34	-38	2750	97	-94	-94	-100	-114	-139	-156	-174	-224
2220	-45	-56	-78	-105	-130	-161	-185	-195	-117	-82	2760	-238	-219	-190	-162	-146	-125	-93	-60	-23
2230	-75	-74	-63	15	48	92	117	124	105	72	2770	71	69	60	60	42	37	18	14	30
2240	60	-8	-68	-139	-216	-257	-298	-310	-311	-315	2780	65	83	107	124	134	150	111	100	89
2250	-315	-315	-312	-303	-279	-254	-201	-166	-104	-44	2790	88	104	113	132	151	187	219	223	214
2260	80	192	272	315	344	349	354	287	250	197	2800	210	201	192	185	179	169	154	130	101
2270	130	61	-6	-63	-124	-172	-222	-237	-261	-18	2810	40	18	-4	-19	-28	-25	-23	-23	-26
2280	319	-335	-344	-328	-295	-275	-231	-168	-106	-35	2820	63	-36	-35	-34	-37	-40	-41	-42	-43
2290	23	29	20	14	-25	-62	-76	-110	-119	-82	2830	-51	-51	-61	-78	-91	-109	-138	-170	-201
2300	-68	-20	24	63	88	84	70	52	43	48	2840	-264	-269	-273	-269	-231	-206	-180	-143	-116
2310	63	65	62	8	8	-24	-64	-96	-114	-112	2850	-56	-37	-23	0	6	-9	-34	-60	-79
2320	-90	-17	13	42	69	97	96	117	136	117	2860	-119	-144	-158	-187	-202	-223	-232	-232	-232
2330	151	170	189	158	111	57	-2	-67	-150	-208	2870	-224	-217	-214	-214	-200	-198	-195	-190	-182
2340	-217	-167	-103	-48	73	97	151	179	200	210	2880	-179	-178	-165	-152	-136	-120	-98	-70	-49
2350	21	195	159	115	77	41	18	-5	0	17	2890	13	20	19	12	4	-11	-16	-15	-1
2360	15	29	34	35	36	44	73	89	96	111	2900	13	12	-11	-70	-105	-149	-192	-201	-198
2370	119	114	121	127	139	140	140	136	114	112	2910	-177	-137	-112	-84	-35	-1	24	41	60
2380	102	77	60	47	48	69	69	70	70	69	2920	72	72	70	63	51	37	9	-26	-5
2390	60	48	37	10	-7	-46	-68	-142	-185	-211	2930	16	45	85	111	133	150	123	75	34
2400	-216	-216	-216	-216	-217	-214	-198	-182	-169	-142	2940	15	2	-20	-9	27	59	88	115	131
2410	-150	-133	-102	-34	35	71	103	124	140	157	2950	141	145	152	157	154	150	140	121	101
2420	168	168	168	166	158	138	109	84	55	33	2960	69	59	56	45	38	40	47	63	85
2430	4	-3	8	30	54	82	139	179	208	215	2970	126	139	159	171	183	184	179	157	137
2440	205	186	165	145	121	93	50	-4	-39	-53	2980	105	42	-12	-41	-63	-90	-93	-73	-44
2450	-67	-71	-72	-78	-92	-103	-101	-98	-98	-97	2990	0	23	43	61	75	85	112	121	128
2460	-111	-136	-163	-196	-237	-247	-316	-417	-474	-502	3000	132	134	160	142	138	134	123	115	102
2470	-450	-433	-391	-384	-327	-282	-197	-89	21	99	3010	120	134	150	171	193	213	232	233	191
2480	135	164	201	203	170	132	110	100	106	135	3020	228	232	275	285	280	269	252	233	214
2490	168	202	244	254	267	277	272	248	212	200	3030	158	168	154	138	120	97	69	31	55
2500	191	191	170	151	133	133	122	97	70	70	3040	-45	-44	-47	-45	-43	-41	-59	-35	-30
2510	29	6	-27	-42	-55	-56	-56	-57	-72	-52	3050	69	-28	-25	-19	-6	8	28	46	80
2520	-107	-156	-203	-212	-223	-227	-234	-238	-245	-251	3060	95	106	110	107	97	85	73	57	39
2530	-264	-254	-220	-190	-147	-101	-53	-28	-15	2	3070	1	-18	-34	-45	-56	-65	-73	-79	-90
2540	24	48	60	60	64	49	10	-20	-44	-76	3080	-115	-114	-134	-141	-150	-153	-166	-180	-196
2550	-93	-102	-85	-64	-48	-36	-27	-16	-5	13	3090	-218	-232	-247	-262	-273	-277	-276	-268	-239
2560	27	49	71	104	138	176	235	292	328	337	3100	-211	-176	-135	-96	-75	-70	-69	-67	-64
2570	305	247	176	107	51	6	-25	-37	-29	-11	3110	-59	-50	1	26	50	64	69	70	60
2580	8	26	51	70	81	85	90	104	120	141	3120	50	50	40	45	50	50	50	52	45
2590	162	182	188	183	162	149	133	112	97	75	3130	18	7	-9	-23	-10	10	7	-4	9
2600	69	71	82	88	88	84	84	76	64	58	3140	19	19	13	10	10	10	10	10	9
2610	49	62	41	45	70	53	126	135	138	138	3150	5	3	-8	-25	-40	-49	-60	-71	-83
2620	115	87	65	36	0	-54	-99	-136	-145	-168	3160	-81	-74	-67	-80	-84	-49	-50	-50	-48
2630	-205	-243	-277	-302	-306	-275	-240	-197	-158	-128	3170	-43	-43	-43	-46	-46	-47	-50	-54	-55
2640	-90	-66	-44	-25	-25	-25	-21	-19	-19	-19	3180	-48	-58	-24	-13	0	10	11	11	8

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3190	-11	-22	-35	-54	-71	-84	-100	-126	-149	-168
3200	-125	-192	-188	-188	-176	-155	-136	-115	-96	-81
3210	-74	-95	-78	-83	-88	-91	-100	-111	-117	-123
3220	-126	-127	-123	-112	-102	-91	-78	-61	-38	-13
3230	15	35	45	42	33	23	-7	-41	-74	-90
3240	-108	-111	-94	-82	-65	-43	-20	0	15	37
3250	54	71	77	78	78	76	61	49	34	12
3260	-8	-19	-35	-56	-24	-12	1	21	40	54
3270	69	84	92	102	112	119	111	107	101	107
3280	100	98	97	97	96	95	96	106	109	113
3290	119	126	135	149	157	160	163	165	166	165
3300	160	150	153	150	153	158	163	167	171	173
3310	170	157	136	114	94	72	40	10	-15	-38
3320	-58	-77	-91	-99	-110	-113	-110	-104	-94	-97
3330	-79	-69	-64	-60	-59	-64	-64	-71	-71	-71
3340	-72	-65	-56	-42	-23	0	26	40	49	50
3350	46	35	28	17	1	-12	-17	-24	-25	-17
3360	-5	7	20	31	44	48	43	35	32	33
3370	29	33	43	64	86	110	134	154	164	174
3380	171	167	163	157	148	140	128	119	112	106
3390	95	94	98	101	103	103	103	102	100	100
3400	94	80	57	40	25	11	-5	-26	-43	-54
3410	-60	-66	-67	-65	-62	-55	-48	-42	-32	-22
3420	-17	-16	-18	-24	-34	-42	-52	-63	-65	-65
3430	-65	-61	-55	-48	-45	-44	-42	-46	-54	-64
3440	-80	-94	-105	-115	-120	-129	-140	-148	-150	-142
3450	-168	-169	-168	-167	-162	-162	-162	-158	-154	-149
3460	-150	-143	-136	-135	-121	-114	-104	-90	-78	-61
3470	-60	-20	2	52	62	84	107	114	112	106
3480	100	89	77	68	62	54	63	37	23	13
3490	2	1	0	-1	-5	-15	-20	-41	-56	-66
3500	-76	-89	-106	-118	-122	-132	-148	-157	-169	-176
3510	-184	-182	-179	-170	-153	-138	-119	-99	-87	-72
3520	-49	-34	-22	-4	12	26	38	49	57	60
3530	58	55	51	42	36	34	35	32	33	34
3540	36	40	40	40	43	48	47	48	51	58
3550	63	71	81	91	105	120	135	152	163	175
3560	183	188	194	196	197	198	198	191	184	184
3570	172	157	139	128	114	91	70	56	46	33
3580	21	10	-1	-17	-29	-38	-48	-64	-73	-79
3590	-62	-81	-77	-71	-64	-51	-45	-35	-24	-16
3600	-7	-1	-2	-6	-5	-8	-10	-16	-16	-16
3610	-16	-17	-20	-30	-36	-35	-41	-43	-45	-43
3620	-49	-59	-53	-53	-56	-56	-54	-48	-38	-38
3630	-23	-15	-5	0	3	4	4	3	2	1
3640	0	-1	-5	-8	-13	-20	-27	-35	-43	-51
3650	-48	-49	-48	-38	-31	-24	-17	-6	2	12
3660	18	25	36	45	49	52	54	55	52	49
3670	56	65	77	92	111	131	152	171	195	212
3680	219	232	244	254	262	266	265	263	260	253
3690	247	237	227	216	208	198	187	177	168	166
3700	162	156	154	150	144	140	135	131	123	116
3710	113	105	106	99	85	71	67	55	42	30
3720	14	-6	-23	-43	-64	-81	-95	-109	-121	-122

TO BE CONTINUED

CONTINUED(S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3730	-128	-132	-134	-134	-134	-149	-158	-163	-169	-175
3740	-181	-191	-200	-207	-216	-223	-231	-227	-223	-221
3750	-209	-179	-186	-179	-185	-185	-188	-188	-188	-193
3760	-193	-193	-198	-198	-195	-186	-175	-159	-140	-117
3770	-94	-71	-57	-43	-30	-15	-4	-7	-5	-7
3780	-4	-1	3	5	6	6	10	14	13	13
3790	25	30	32	31	26	4	0	11	5	-1
3800	-13	-20	-16	-11	-7	0	10	11	20	24
3810	30	33	36	40	38	38	40	41	41	42
3820	46	49	60	71	82	93	100	102	99	99
3830	97	92	86	83	81	76	72	68	63	64
3840	64	64	61	60	59	54	49	42	40	38
3850	37	35	34	32	32	31	26	21	17	17
3860	12	2	0	-2	-8	-14	-21	-23	-25	-27
3870	-33	-31	-29	-27	-27	-27	-29	-30	-35	-40
3880	-15	-14	-14	-17	-24	-29	-30	-35	-40	-42
3890	-48	-51	-55	-57	-51	-44	-37	-28	-20	-13
3900	-5	0	1	-1	-4	-7	-13	-20	-28	-36
3910	-44	-50	-53	-56	-61	-61	-57	-59	-59	-59
3920	-63	-67	-69	-71	-73	-71	-69	-68	-70	-71
3930	-74	-76	-77	-80	-79	-72	-63	-56	-50	-47
3940	-44	-43	-44	-45	-46	-45	-37	-30	-26	-22
3950	-20	-23	-25	-33	-38	-41	-49	-56	-58	-51
3960	-43	-40	-38	-35	-34	-41	-45	-50	-59	-71
3970	-73	-76	-74	-76	-76	-78	-79	-81	-79	-77
3980	-71	-71	-69	-66	-66	-66	-60	-53	-50	-40
3990	0	10	13	25	32	41	44	48	53	58
4000	64	67	70	73	85	91	96	109	117	119
4010	122	135	139	146	160	166	172	181	188	198
4020	204	206	206	207	208	209	209	208	205	203
4030	199	190	180	167	150	133	118	100	86	74
4040	65	55	46	39	33	33	33	28	22	14
4050	4	-3	-11	-18	-25	-32	-37	-45	-51	-56
4060	-59	-57	-53	-50	-47	-44	-41	-35	-29	-26
4070	-38	-27	-27	-27	-27	-27	-27	-27	-26	-26
4080	-48	-42	-44	-45	-47	-48	-50	-51	-58	-58
4090	-47	-48	-48	-45	-44	-43	-43	-46	-47	-47
4100	-36	-26	-20	-19	-19	-19	-19	-23	-26	-34
4110	25	24	29	34	31	35	34	33	31	24
4120	19	12	7	0	-4	-10	-15	-18	-20	-23
4130	-26	-35	-43	-47	-58	-68	-77	-85	-93	-97
4140	-106	-112	-107	-108	-111	-112	-112	-109	-104	-102
4150	-99	-93	-88	-86	-84	-80	-81	-80	-78	-75
4160	-58	-61	-57	-48	-38	-32	-23	-14	-10	-6
4170	-63	-61	-57	-48	-38	-32	-23	-14	-10	-6
4180	-2	-2	-4	-5	-7	-11	-15	-17	-17	-18
4190	-16	-14	-11	-12	-14	-19	-26	-32	-37	-47
4200	-38	-35	-35	-38	-40	-45	-46	-46	-46	-47
4210	-49	-49	-45	-39	-32	-27	-22	-16	-16	-17
4220	-63	-58	-50	-42	-30	-22	-17	-12	-10	-10
4230	-63	-59	-50	-42	-32	-29	-24	-22	-29	-31
4240	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56
4250	-52	-52	-52	-52	-52	-52	-52	-52	-52	-52
4260	-28	-23	-20	-17	-15	-13	-11	-9	-7	-5

TO BE CONTINUED

CONTINUED(5-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4270	-1	-1	-4	-11	-18	-23	-29	-37	-49	-61
4280	-67	-70	-53	-65	-80	-93	-108	-124	-141	-159
4290	-48	-51	-33	-46	-61	-76	-91	-107	-124	-141
4300	-68	-68	-67	-67	-65	-58	-50	-40	-32	-21
4310	-15	-4	7	13	16	20	23	25	28	33
4320	33	33	37	42	47	55	59	64	66	66
4330	67	67	68	70	71	80	80	85	91	91
4340	97	100	104	110	116	122	124	128	131	137
4350	141	150	157	159	174	178	177	177	177	178
4360	178	179	178	180	181	181	182	182	179	179
4370	173	161	154	145	134	126	116	112	112	119
4380	114	119	120	118	118	119	119	119	117	112
4390	111	108	102	99	98	97	94	89	85	80
4400	74	72	69	63	56	48	39	33	25	18
4410	13	11	10	6	1	-1	-5	-10	-13	-16
4420	-17	-13	-21	-24	-27	-30	-35	-40	-46	-51
4430	-43	-43	-43	-42	-42	-42	-38	-37	-37	-38
4440	-41	-48	-54	-61	-67	-81	-84	-85	-103	-104
4450	-97	-97	-91	-86	-83	-80	-80	-82	-80	-82
4460	-81	-78	-78	-79	-79	-80	-85	-88	-92	-95
4470	-100	-102	-103	-92	-88	-84	-78	-73	-66	-63
4480	-58	-55	-53	-50	-52	-52	-52	-56	-57	-56
4490	-55	-51	-44	-41	-36	-30	-23	-16	-5	0
4500	3	8	14	18	27	32	37	42	48	52
4510	55	59	65	70	74	76	79	81	85	87
4520	86	86	86	88	89	90	91	91	91	90
4530	88	88	89	92	100	106	109	112	117	120
4540	120	121	118	114	112	111	110	107	100	96
4550	96	95	91	88	86	85	80	74	67	58
4560	49	38	27	17	3	-5	-7	-12	-16	-19
4570	-22	-26	-29	-31	-29	-36	-52	-63	-70	-74
4580	-80	-91	-99	-102	-109	-112	-115	-117	-122	-124
4590	-128	-132	-134	-137	-137	-138	-138	-138	-141	-144
4600	-137	-146	-148	-143	-147	-146	-140	-135	-123	-118
4610	-112	-106	-105	-101	-96	-94	-90	-85	-81	-80
4620	-82	-83	-89	-94	-100	-103	-111	-120	-121	-116
4630	-121	-118	-115	-112	-107	-99	-93	-89	-83	-77
4640	-71	-65	-60	-55	-49	-40	-35	-29	-24	-19
4650	-12	-7	-1	6	15	24	30	38	52	65
4660	75	81	88	94	96	95	94	91	86	81
4670	73	69	68	66	63	61	59	56	51	45
4680	37	25	17	13	1	-6	-8	-11	-17	-18
4690	-13	-18	-18	-18	-18	-18	-18	-18	-18	-18
4700	-17	-12	-7	-1	6	2	5	5	5	5
4710	7	10	11	15	18	20	20	16	14	14
4720	14	11	9	13	15	18	20	23	22	20
4730	34	35	36	34	34	34	34	34	34	34
4740	34	32	30	29	27	24	22	15	7	7
4750	-1	-8	-11	-11	-11	-5	0	3	8	12
4760	12	13	18	25	33	42	50	53	55	58
4770	64	73	75	72	74	78	81	84	87	92
4780	98	104	108	110	111	112	111	110	102	96
4790	91	85	83	78	68	56	44	38	33	21
4800	12	5	1	1	-2	-3	-3	-3	-3	-4

TO BE CONTINUED

CONTINUED(5-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4810	-8	-9	-16	-28	-38	-40	-49	-56	-63	-65
4820	-65	-66	-67	-61	-56	-53	-51	-49	-48	-48
4830	-46	-43	-40	-40	-40	-39	-39	-37	-35	-30
4840	-28	-27	-26	-21	-16	-10	-5	0	3	4
4850	10	10	10	8	5	5	1	0	0	0
4860	0	0	1	4	5	5	3	3	5	5
4870	5	6	10	13	16	20	25	31	37	41
4880	43	48	52	55	65	74	81	85	86	94
4890	100	105	109	112	113	116	118	119	120	120
4900	120	116	109	106	101	93	86	80	69	62
4910	56	45	36	27	17	10	3	-4	-11	-17
4920	-26	-32	-38	-46	-56	-61	-60	-60	-61	-59
4930	-57	-54	-50	-43	-45	-44	-43	-44	-44	-44
4940	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45
4950	-73	-74	-72	-64	-60	-57	-60	-64	-64	-62
4960	-59	-57	-53	-49	-48	-42	-40	-40	-40	-40
4970	-43	-46	-59	-63	-65	-65	-64	-63	-61	-58
4980	-76	-71	-68	-66	-64	-64	-63	-61	-58	-56
4990	-53	-51	-51	-53	-56	-57	-64	-67	-71	-79
5000	-81	-83	-84	-82	-74	-69	-66	-61	-56	-56
5010	-56	-56	-58	-54	-41	-29	-22	-18	-14	-12
5020	-105	-104	-104	-104	-99	-98	-98	-92	-87	-85
5030	-83	-79	-77	-75	-75	-77	-78	-78	-78	-78
5040	-77	-72	-67	-58	-50	-44	-35	-26	-21	-18
5050	-14	-9	-4	-1	6	8	8	8	9	12
5060	16	20	24	27	29	33	35	41	50	54
5070	58	59	62	64	65	65	63	54	53	53
5080	51	51	47	47	48	51	61	75	81	84
5090	85	85	86	87	91	93	93	92	80	74
5100	73	66	57	46	42	41	45	53	52	60
5110	64	68	71	71	71	68	64	61	57	54
5120	50	46	46	46	42	40	37	36	33	42
5130	45	50	55	59	66	69	70	72	73	76
5140	78	80	77	74	73	70	64	58	53	54
5150	54	53	56	60	62	64	65	65	65	67
5160	65	62	58	52	45	40	36	29	23	25
5170	28	23	23	24	33	37	40	43	46	48
5180	49	50	47	37	26	18	14	8	3	0
5190	-6	-15	-20	-24	-27	-30	-35	-38	-41	-45
5200	-50	-55	-57	-58	-58	-59	-59	-64	-68	-62
5210	-60	-60	-62	-62	-63	-68	-72	-76	-78	-78
5220	-75	-76	-75	-73	-65	-61	-54	-47	-41	-40
5230	-38	-39	-44	-46	-46	-46	-44	-39	-37	-34
5240	-33	-32	-31	-27	-18	-13	-7	-1	2	10
5250	19	25	32	36	41	48	52	54	54	54
5260	54	54	53	49	45	43	39	36	31	30
5270	29	26	23	18	19	14	6	0	-5	-11
5280	-20	-32	-42	-48	-55	-63	-69	-79	-90	-98
5290	-102	-104	-103	-104	-104	-98	-95	-95	-93	-94
5300	-92	-90	-86	-82	-76	-72	-67	-63	-56	-52
5310	-46	-41	-38	-28	-23	-24	-21	-19	-12	-12
5320	-6	0	3	10	15	26	29	38	48	56
5330	59	59	59	51	49	47	46	45	49	49
5340	57	57	57	57	54	61	58	56	54	54

TO BE CONTINUED

CONTINUED(S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5350	53	51	44	38	37	38	44	44	43	42
5360	42	43	46	48	48	48	47	45	40	31
5370	23	17	12	7	-1	-7	-9	-9	-9	-9
5380	-10	-11	-11	-11	-12	-16	-20	-24	-27	-29
5390	-31	-33	-34	-34	-34	-32	-31	-30	-29	-29
5400	-29	-31	-31	-28	-20	-11	4	4	7	7
5410	7	3	0	1	4	4	8	12	16	15
5420	14	17	23	26	28	36	45	51	50	49
5430	49	49	48	48	42	43	43	42	41	38
5440	37	31	28	23	26	25	24	19	16	9
5450	3	-4	-11	-19	-29	-27	-21	-22	-33	-34
5460	-39	-36	-34	-34	-40	-43	-43	-48	-55	-56
5470	-55	-52	-56	-59	-58	-59	-60	-60	-60	-59
5480	-55	-52	-53	-53	-53	-52	-51	-49	-50	-50
5490	-53	-57	-60	-60	-60	-60	-60	-60	-60	-60
5500	-60	-60	-60	-60	-60	-60	-61	-61	-61	-61
5510	-62	-64	-65	-66	-64	-70	-71	-71	-79	-87
5520	-93	-97	-99	-84	-83	-70	-71	-71	-64	-64
5530	-62	-55	-57	-50	-50	-25	-17	-11	-4	1
5540	7	9	12	19	17	17	17	19	19	19
5550	19	19	19	21	22	23	23	23	23	25
5560	25	25	25	26	31	33	33	35	35	35
5570	35	35	35	35	33	33	33	40	42	46
5580	52	56	67	70	73	78	81	83	84	84
5590	84	87	92	95	96	98	99	99	98	95
5600	90	85	92	95	98	101	104	107	109	110
5610	114	116	118	119	120	121	121	120	117	113
5620	113	113	113	112	108	105	103	101	98	96
5630	96	95	95	94	82	78	75	70	63	63
5640	55	51	49	46	44	43	42	41	41	41
5650	41	41	35	33	30	28	26	25	24	24
5660	21	21	21	21	21	22	23	24	24	24
5670	23	25	21	17	14	12	11	1	-7	-10
5680	-14	-19	-23	-28	-28	-28	-33	-29	-28	-28
5690	-28	-25	-23	-26	-28	-27	-25	-25	-23	-20
5700	-15	-17	-17	-19	-25	-26	-34	-36	-37	-40
5710	-46	-50	-52	-54	-52	-51	-47	-47	-48	-48
5720	-49	-51	-51	-51	-53	-54	-57	-58	-59	-59
5730	-63	-63	-63	-62	-62	-66	-69	-71	-71	-67
5740	-69	-70	-71	-76	-82	-88	-92	-92	-90	-88
5750	-88	-88	-87	-84	-81	-80	-81	-84	-85	-85
5760	-81	-74	-74	-78	-74	-74	-72	-67	-62	-60
5770	-60	-60	-58	-57	-54	-52	-50	-49	-48	-46
5780	-44	-43	-43	-43	-43	-45	-48	-50	-53	-51
5790	-51	-48	-44	-40	-40	-42	-42	-42	-41	-41
5800	-40	-38	-36	-33	-31	-31	-28	-24	-21	-24
5810	-25	-25	-26	-26	-26	-26	-26	-26	-26	-26
5820	-26	-26	-26	-26	-32	-34	-38	-39	-42	-46
5830	-45	-40	-41	-47	-52	-47	-46	-47	-52	-56
5840	-61	-61	-62	-66	-66	-65	-65	-65	-65	-65
5850	-57	-58	-61	-63	-63	-63	-63	-72	-73	-72
5860	-72	-73	-72	-70	-69	-69	-68	-68	-63	-57
5870	-57	-56	-53	-45	-37	-34	-28	-20	-17	-17
5880	-11	-1	9	12	12	17	21	25	30	35

TO BE CONTINUED

CONTINUED(S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5890	39	43	46	47	48	54	57	61	67	70
5900	71	74	75	75	84	84	84	91	91	92
5910	92	91	89	89	91	91	93	96	98	100
5920	99	97	92	87	82	76	68	66	66	68
5930	75	80	83	87	82	79	76	78	73	75
5940	74	70	66	65	65	64	60	52	48	54
5950	56	56	54	50	47	44	40	34	31	32
5960	26	20	17	13	8	4	1	-4	-5	-6
5970	-6	-4	0	4	4	4	7	11	8	5
5980	3	1	-4	-7	-5	-1	-4	-7	-8	-8
5990	-10	-14	-14	-13	-13	-13	-9	-4	-2	5
6000	11	18	21	24	29	32	32	32	35	38
6010	39	42	44	46	50	53	54	60	65	67
6020	47	46	43	46	50	52	62	62	62	62
6030	61	60	56	54	50	46	39	33	28	24
6040	23	22	20	20	19	19	20	22	22	22
6050	24	22	28	28	26	30	30	33	34	34
6060	55	57	57	57	57	57	57	41	43	47
6070	47	47	47	47	45	41	41	59	55	51
6080	30	27	22	18	16	11	10	8	7	3
6090	-5	-4	-4	-4	-2	0	3	4	5	5
6100	7	10	10	10	10	10	9	5	2	-1
6110	-4	-5	-7	-8	-10	-14	-18	-22	-27	-30
6120	-34	-39	-44	-48	-55	-62	-66	-68	-76	-87
6130	-94	-99	-109	-118	-122	-126	-130	-134	-136	-142
6140	-143	-142	-143	-144	-148	-149	-146	-139	-135	-133
6150	-128	-126	-132	-129	-128	-128	-127	-126	-123	-123
6160	-123	-122	-117	-112	-107	-103	-100	-93	-84	-78
6170	-79	-79	-78	-73	-69	-65	-64	-63	-60	-59
6180	-58	-55	-53	-50	-49	-46	-46	-46	-40	-39
6190	-35	-35	-35	-35	-34	-32	-32	-31	-29	-27
6200	-26	-25	-22	-21	-20	-17	-13	-7	1	3
6210	4	4	4	4	5	8	9	9	9	9
6220	10	10	10	10	12	17	21	22	22	22
6230	22	22	23	23	23	23	23	23	23	22
6240	18	14	14	13	13	13	14	16	19	22
6250	25	30	32	33	33	33	33	33	33	35
6260	37	38	38	39	40	40	40	40	40	40
6270	40	41	41	41	41	41	41	42	42	42
6280	42	42	42	42	42	42	42	41	41	41
6290	42	44	46	46	47	47	47	48	49	49
6300	47	47	47	49	49	49	50	52	55	56
6310	60	61	65	65	68	71	72	70	70	71
6320	73	74	74	75	75	75	78	79	79	79
6330	78	76	77	78	78	79	80	81	82	82
6340	83	83	83	82	80	80	79	76	75	75
6350	74	74	73	71	67	64	63	57	51	49
6360	46	41	36	29	22	19	13	4	-2	-5
6370	7	-12	-17	-18	-18	-20	-21	-22	-22	-23
6380	-27	-30	-33	-34	-33	-33	-36	-38	-39	-41
6390	-43	-44	-44	-45	-46	-46	-46	-41	-37	-35
6400	-34	-34	-34	-34	-34	-34	-34	-34	-34	-40
6410	-40	-40	-37	-34	-31	-22	-22	-22	-19	-15
6420	-6	2	5	6	13	17	17	17	18	23

TO BE CONTINUED

CONTINUED(S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6430	24	30	32	39	47	49	52	54	56	58
6440	70	71	73	73	74	74	77	77	77	77
6450	75	75	75	73	70	63	60	56	55	55
6460	54	49	43	41	41	39	35	34	30	27
6470	24	18	15	10	2	3	3	3	15	17
6480	18	21	27	33	35	36	36	43	50	51
6490	53	54	55	56	56	56	56	55	56	55
6500	52	50	50	48	44	39	37	37	36	36
6510	32	28	17	12	12	11	9	9	9	9
6520	4	4	3	6	7	8	8	8	9	9
6530	8	3	7	6	3	2	1	6	7	7
6540	7	9	12	14	16	16	19	24	27	28
6550	32	32	32	32	32	32	36	38	41	45
6560	45	47	48	50	52	52	52	50	49	49
6570	45	45	46	46	46	44	43	42	42	42
6580	43	43	43	41	41	41	41	41	41	41
6590	41	44	44	46	46	45	46	46	47	46
6600	45	45	42	41	39	37	37	36	34	35
6610	36	37	37	37	37	38	39	40	40	39
6620	38	36	35	33	32	31	30	26	22	20
6630	16	13	12	10	5	0	3	4	4	5
6640	5	7	8	5	4	6	9	12	16	16
6650	16	18	20	22	26	29	30	32	30	32
6660	34	36	40	45	46	49	52	50	52	52
6670	56	57	61	64	67	69	69	69	69	69
6680	69	73	79	89	90	90	88	89	89	90
6690	91	93	98	101	102	103	100	100	107	113
6700	102	104	103	102	102	102	102	102	102	102
6710	102	101	97	90	89	89	86	80	77	76
6720	76	73	68	59	53	44	41	35	34	31
6730	26	23	19	11	5	-1	-4	-7	-10	-10
6740	-11	-12	-9	-7	-8	-9	-14	-18	-20	-20
6750	-20	-21	-22	-23	-24	-26	-30	-33	-35	-35
6760	-31	-34	-36	-39	-40	-42	-45	-45	-45	-45
6770	-38	-39	-39	-40	-40	-42	-45	-45	-45	-45
6780	-46	-46	-47	-47	-47	-47	-47	-49	-51	-51
6790	-51	-51	-51	-51	-50	-49	-47	-46	-45	-45
6800	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45
6810	-55	-58	-60	-61	-61	-62	-65	-70	-71	-72
6820	-74	-80	-81	-79	-82	-89	-89	-89	-92	-95
6830	-97	-98	-99	-101	-104	-104	-104	-104	-103	-101
6840	-99	-96	-93	-92	-91	-89	-88	-86	-84	-79
6850	-76	-74	-70	-67	-65	-63	-59	-54	-51	-47
6860	-45	-42	-39	-33	-27	-21	-15	-8	-3	0
6870	6	8	9	13	20	24	28	31	33	35
6880	40	43	45	46	47	48	50	50	52	54
6890	55	55	56	57	57	58	58	54	53	54
6900	56	59	61	63	64	69	70	73	70	70
6910	72	73	74	74	75	75	77	77	77	77
6920	77	78	78	78	78	79	82	82	82	82
6930	82	80	75	75	74	73	69	69	64	62
6940	50	55	55	47	43	41	41	41	41	41
6950	44	36	33	29	27	26	26	25	23	17
6960	14	12	11	10	7	2	1	1	1	0

TO BE CONTINUED

CONTINUED(S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6970	-3	-5	-7	-10	-11	-13	-13	-14	-18	-21
6980	-20	-21	-19	-18	-18	-16	-17	-18	-20	-21
6990	-21	-21	-20	-20	-19	-19	-19	-18	-20	-21
7000	-18	-18	-18	-18	-11	-7	-7	0	-5	-6
7010	-4	-4	2	2	5	7	9	10	9	8
7020	10	15	18	19	20	19	23	23	22	19
7030	26	30	36	39	38	39	42	41	44	45
7040	48	49	52	52	53	53	53	53	53	53
7050	49	47	47	46	42	42	42	41	38	38
7060	55	52	59	61	53	53	52	50	53	29
7070	24	21	21	17	16	11	11	8	4	3
7080	4	3	1	-4	-9	-14	-20	-24	-26	-32
7090	-38	-39	-44	-49	-54	-58	-61	-65	-71	-76
7100	-78	-79	-82	-88	-91	-91	-91	-91	-91	-91
7110	-93	-96	-100	-103	-105	-109	-111	-111	-110	-110
7120	-107	-106	-106	-103	-105	-103	-100	-97	-95	-91
7130	-88	-85	-85	-85	-84	-81	-78	-69	-66	-66
7140	-57	-53	-52	-49	-42	-39	-30	-30	-29	-29
7150	-19	-17	-11	-10	-4	-2	1	6	11	11
7160	13	15	21	31	32	30	34	43	43	43
7170	44	48	51	55	51	48	45	46	48	49
7180	48	49	50	52	55	58	61	60	54	53
7190	55	57	59	60	58	58	59	59	60	61
7200	62	65	66	67	68	70	69	63	61	61
7210	61	59	59	57	54	54	54	53	53	52
7220	52	53	53	54	55	56	59	62	63	65
7230	66	66	65	64	63	63	62	59	58	56
7240	56	57	57	56	56	56	50	45	45	43
7250	45	38	33	25	22	22	20	18	12	9
7260	2	-1	0	0	-3	-5	-5	-2	-1	-4
7270	-6	-8	-11	-14	-17	-18	-23	-24	-24	-25
7280	-28	-32	-35	-34	-38	-39	-40	-42	-42	-44
7290	-45	-45	-48	-50	-51	-54	-54	-57	-57	-67
7300	-64	-60	-59	-57	-55	-55	-55	-59	-68	-68
7310	-47	-47	-48	-43	-40	-38	-36	-33	-30	-30
7320	-28	-27	-27	-26	-26	-26	-26	-26	-28	-30
7330	-22	-19	-16	-11	-11	-11	-11	-11	-11	-10
7340	-9	-7	-7	-6	-4	-3	-3	-7	-8	-7
7350	-7	-1	3	3	2	1	4	6	5	5
7360	3	1	1	1	2	4	5	8	15	17
7370	16	15	14	15	18	24	24	23	24	27
7380	31	30	31	35	39	36	34	33	43	43
7390	45	44	43	43	44	45	44	43	41	41
7400	40	39	34	37	37	37	37	37	34	34
7410	32	31	35	37	37	37	34	31	33	33
7420	31	29	25	17	16	16	18	17	16	15
7430	14	14	13	11	10	7	3	-4	-15	-17
7440	-13	-14	-16	-16	-21	-25	-26	-27	-29	-33
7450	-36	-38	-41	-45	-44	-47	-50	-54	-55	-55
7460	-67	-68	-68	-70	-70	-71	-71	-70	-68	-68
7470	-58	-64	-68	-68	-68	-66	-64	-61	-57	-55
7480	-55	-50	-44	-42	-42	-38	-33	-31	-27	-25
7490	-24	-23	-23	-23	-23	-23	-23	-21	-19	-16
7500	-12	-12	-13	-14	-14	-9	-6	-6	-5	-4

TO BE CONTINUED

CONTINUED (S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7510	-3	-2	-2	-1	0	0	2	8	9	9
7520	12	14	15	15	21	22	26	27	27	34
7530	33	33	35	40	41	41	41	41	41	41
7540	40	40	40	40	41	41	41	41	40	40
7550	37	35	33	31	29	26	30	30	30	30
7560	31	31	32	36	36	36	36	36	36	36
7570	38	40	39	36	34	34	35	36	36	37
7580	37	38	38	38	36	37	32	31	30	30
7590	28	27	24	21	20	17	15	15	10	8
7600	5	1	2	7	-10	-12	-17	-22	-25	-27
7610	-28	-31	-33	-37	-40	-43	-45	-51	-53	-53
7620	-35	-60	-65	-64	-65	-65	-65	-65	-66	-66
7630	-67	-67	-67	-67	-66	-65	-65	-65	-64	-62
7640	-62	-62	-61	-60	-59	-57	-56	-53	-51	-46
7650	-44	-41	-39	-36	-32	-31	-30	-30	-30	-30
7660	-28	-28	-27	-26	-25	-23	-22	-18	-17	-15
7670	-10	-8	-8	-8	-8	-8	-7	-6	-4	-3
7680	0	4	6	5	11	11	12	13	14	16
7690	16	18	20	19	18	18	19	21	24	27
7700	29	29	28	29	27	32	34	35	36	36
7710	37	38	40	42	44	49	47	48	49	51
7720	51	51	51	52	53	55	51	51	52	52
7730	54	54	54	54	54	55	51	50	48	46
7740	46	45	44	39	36	35	34	32	31	31
7750	31	30	28	27	27	27	27	23	23	23
7760	19	17	15	13	12	12	12	12	12	7
7770	7	4	3	1	-1	-6	-8	-8	-12	-12
7780	-12	-12	-12	-12	-12	-12	-12	-13	-14	-14
7790	-15	-15	-17	-18	-19	-20	-20	-19	-18	-21
7800	-21	-18	-17	-14	-11	-10	-7	-7	-8	-13
7810	-12	-7	-7	-6	-5	-5	-5	-5	-6	-5
7820	-2	-1	-2	-2	-2	-2	-2	-2	-2	-7
7830	-12	-18	-18	-18	-19	-19	-20	-26	-30	-31
7840	-33	-35	-35	-38	-31	-33	-35	-37	-40	-42
7850	-66	-68	-68	-68	-48	-48	-48	-48	-48	-53
7860	-33	-58	-59	-58	-55	-52	-52	-51	-51	-53
7870	-34	-34	-35	-35	-35	-35	-35	-35	-35	-44
7880	-41	-40	-40	-40	-37	-33	-29	-28	-26	-26
7890	-26	-27	-30	-31	-31	-31	-31	-31	-31	-31
7900	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31
7910	-31	-31	-30	-30	-28	-25	-25	-25	-25	-25
7920	-25	-25	-25	-25	-23	-18	-17	-16	-16	-16
7930	-17	-14	-16	-16	0	5	6	8	10	11
7940	11	13	16	17	22	32	32	34	37	38
7950	39	39	41	43	46	48	48	48	48	51
7960	55	56	59	61	62	63	65	67	68	70
7970	71	73	75	78	81	82	83	85	86	85
7980	85	85	85	86	86	86	86	86	86	86
7990	87	88	87	87	87	84	80	79	80	82
8000	92	90	78	76	76	68	67	67	67	67
8010	67	66	59	55	52	52	52	52	48	44
8020	41	41	40	35	35	30	29	29	21	19
8030	18	15	15	10	10	10	7	2	-2	-2
8040	-3	-5	-8	-9	-9	-14	-15	-17	-18	-21

TO BE CONTINUED

CONTINUED (S-1592 SOUTH)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8050	-23	-27	-30	-32	-37	-38	-39	-43	-46	-50
8060	-55	-56	-56	-56	-56	-59	-66	-68	-73	-76
8070	-75	-76	-77	-77	-77	-74	-70	-70	-70	-69
8080	-68	-69	-71	-73	-73	-73	-73	-73	-73	-70
8090	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70
8100	-71	-71	-71	-71	-71	-71	-71	-70	-70	-71
8110	-70	-69	-68	-66	-62	-60	-60	-57	-56	-54
8120	-52	-51	-50	-50	-43	-38	-37	-35	-31	-29
8130	-29	-28	-19	-18	-18	-16	-16	-14	-12	-9
8140	-7	-5	-5	-3	-2	1	4	5	6	9
8150	11	9	10	14	16	17	21	22	25	28
8160	32	39	37	36	36	36	38	40	43	42
8170	49	52	54	54	55	55	55	54	54	54
8180	54	54	53	53	54	56	54	54	54	54
8190	46	45	43	42	44	43	45	45	42	47
8200	37	37	37	37	31	31	30	25	19	16
8210	13	7	7	0	-3	-6	-9	-9	-9	-8
8220	-9	-13	-15	-15	-15	-15	-21	-25	-31	-35
8230	-38	-40	-40	-42	-43	-47	-51	-52	-53	-53
8240	-53	-53	-56	-59	-59	-59	-59	-59	-61	-65
8250	-65	-67	-67	-67	-67	-67	-67	-68	-67	-65
8260	-65	-65	-62	-59	-58	-58	-53	-51	-50	-50
8270	-50	-47	-44	-44	-42	-39	-39	-38	-38	-38
8280	-36	-28	-27	-27	-27	-25	-18	-14	-12	-9
8290	-8	-4	-2	-6	-1	6	9	12	12	12
8300	12	15	27	31	37	40	43	45	47	48
8310	48	50	54	55	57	57	60	66	71	74
8320	75	73	79	79	81	85	88	88	88	88
8330	88	88	88	88	89	90	90	90	90	90
8340	90	89	89	89	89	89	89	88	88	88
8350	88	88	88	89	89	89	88	88	88	88
8360	88	88	88	88	88	88	88	88	88	88
8370	65	65	65	65	64	64	65	65	65	65
8380	59	32	31	31	31	31	31	31	47	39
8390	-9	-10	-22	-22	-26	-30	-31	-35	-36	-38
8400	-44	-49	-51	-52	-53	-53	-56	-62	-67	-70
8410	-70	-69	-68	-67	-67	-72	-74	-74	-73	-70
8420	-68	-67	-67	-68	-72	-74	-78	-76	-72	-72
8430	-71	-69	-71	-74	-74	-73	-72	-72	-72	-72
8440	-70	-68	-68	-68	-67	-64	-60	-58	-58	-60
8450	-40	-55	-52	-50	-50	-49	-46	-41	-38	-39
8460	-41	-41	-40	-38	-36	-35	-31	-28	-27	-27
8470	-26	-25	-25	-25	-20	-18	-13	-7	-6	-9
8480	-8	-5	-5	-5	-2	-2	-2	0	0	0
8490	0	0	0	0	0	0	0	3	7	9
8500	9	9	9	8	8	8	8	8	8	7
8510	5	4	0	0	2	0	-1	-1	-1	-1
8520	-2	-4	-5	-10	-16	-16	-12	-13	-18	-20
8530	-20	-19	-17	-14	-14	-20	-19	-17	-17	-13
8540	-8	-9	-9	-9	-9	-8	-5	-2	-2	-4
8550	-4	-4	-4	-4	-5	-1	3	4	4	2
8560	2	2	0	-1	0	3	6	4	4	4
8570	4	5	5	8	9	7	6	5	10	14
8580	15	15	15	15	15	15	16	17	19	21

TO BE CONTINUED

RECORD = S-1592 COMPONENT = EAST STATION = AOMORI-S
 DATE AND TIME = 1983-06-21-15-26 TOTAL NUMBER OF DATA = 8950
 SAMPLING INTERVAL = 0.010 (SEC)
 SIGNAL = GR. ACC. SCALE = 0.10000
 CONNECTION POINT IN DATA NUMBER = 3016, 5993, 8950.

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8590	22	22	25	27	28	28	30	30	30	29
8600	26	23	21	19	19	19	19	18	18	23
8610	25	24	23	21	20	19	17	17	17	17
8620	16	11	10	11	13	11	10	9	6	6
8630	1	-5	-5	-5	-5	-5	-5	-5	-5	-5
8640	-6	-14	-16	-17	-19	-25	-27	-27	-27	-27
8650	-29	-30	-31	-32	-35	-37	-37	-36	-36	-36
8660	-36	-36	-37	-38	-37	-34	-32	-32	-32	-32
8670	-33	-38	-42	-44	-46	-50	-49	-49	-50	-50
8680	-51	-51	-52	-54	-57	-57	-57	-55	-54	-54
8690	-53	-53	-54	-55	-55	-54	-53	-49	-48	-48
8700	-48	-48	-48	-48	-46	-44	-42	-36	-36	-36
8710	-36	-35	-32	-29	-26	-24	-24	-25	-24	-24
8720	-22	-16	-14	-14	-13	-9	-10	-11	-6	-6
8730	-4	2	5	4	4	2	3	5	6	6
8740	9	12	14	13	13	18	19	18	18	18
8750	22	27	28	31	32	32	32	32	33	33
8760	32	32	32	32	32	33	36	37	37	37
8770	37	37	37	36	35	35	34	32	32	32
8780	32	35	35	35	30	24	21	18	18	19
8790	21	21	20	19	19	17	14	12	10	8
8800	6	4	2	2	2	1	0	0	-2	-2
8810	-5	-6	-9	-10	-11	-11	-11	-16	-16	-16
8820	-17	-18	-19	-21	-21	-22	-20	-17	-16	-16
8830	-14	-13	-15	-15	-13	-19	-18	-19	-19	-19
8840	-19	-19	-19	-19	-18	-18	-18	-18	-18	-18
8850	-18	-18	-18	-18	-19	-19	-19	-19	-19	-19
8860	-19	-19	-19	-18	-16	-16	-15	-15	-15	-15
8870	-18	-20	-20	-20	-20	-20	-20	-18	-19	-19
8880	-18	-18	-17	-17	-17	-17	-18	-18	-19	-19
8890	-18	-18	-17	-17	-16	-13	-13	-13	-13	-13
8900	-13	-13	-13	-13	-13	-14	-12	-11	-10	-10
8910	-9	-9	-6	-2	0	1	2	4	6	6
8920	8	10	12	13	14	14	15	16	17	17
8930	18	20	20	20	21	22	23	25	28	31
8940	31	30	30	31	33	34	35	36	37	37

END

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	33	33	33	33	33	33	33	33	33	30
10	29	28	25	25	25	25	25	25	25	32
20	25	25	25	24	24	22	21	19	17	25
30	14	13	12	11	10	6	8	6	4	15
40	-1	-1	0	2	5	9	12	14	16	16
50	17	17	16	14	12	6	1	1	0	0
60	-3	-6	-8	-9	-9	-7	-5	-3	0	0
70	2	6	9	10	9	7	4	1	-2	-4
80	-5	-4	-3	-2	0	2	3	4	5	7
90	8	9	10	11	13	16	18	20	20	21
100	21	18	12	9	10	16	21	23	25	25
110	25	23	19	14	9	5	4	7	11	14
120	17	20	20	17	8	3	-3	-9	-15	-15
130	-18	-19	-17	-8	-1	0	-6	-14	-22	-35
140	-43	-47	-44	-36	-27	-16	-8	-3	-2	-2
150	-3	-7	-12	-14	-19	-23	-31	-35	-42	-46
160	-43	-36	-23	-17	-4	6	12	13	8	2
170	-4	-7	-9	-10	-9	-8	-5	-1	2	2
180	7	15	24	32	31	27	24	16	8	-5
190	3	8	13	23	33	34	44	46	44	46
200	47	40	31	21	5	-3	6	16	21	15
210	27	33	27	18	9	0	-6	-11	-10	-5
220	-2	0	1	1	0	-5	-8	-14	-21	-25
230	-24	-18	-16	-13	-11	-8	-3	2	7	10
240	14	14	11	7	2	0	-4	-6	-6	-4
250	-6	-6	-6	-3	0	2	8	16	25	33
260	38	41	43	42	40	38	38	37	37	36
270	36	36	36	36	33	33	30	30	30	25
280	23	20	17	14	16	13	10	0	-6	-16
290	-26	-28	-20	-9	0	9	20	30	36	36
300	31	21	15	-1	-17	-19	-14	-10	-2	9
310	5	11	14	18	20	18	6	1	-7	-13
320	-22	-32	-39	-39	-22	-22	-10	0	6	10
330	15	17	18	18	18	13	18	16	8	8
340	3	-6	-12	-6	7	22	34	39	37	29
350	18	3	-11	-16	-8	1	16	21	20	17
360	9	0	-11	-23	-28	-16	-16	-12	-10	-10
370	-13	-13	-21	-24	-25	-24	-25	-22	-19	-19
380	-13	-9	-9	-9	-12	-21	-31	-38	-54	-68
390	-76	-72	-57	-43	-24	-6	11	31	41	43
400	36	25	12	-1	-9	-20	-30	-31	-20	-6
410	8	16	22	26	26	21	19	14	7	6
420	2	0	0	2	7	16	22	26	41	44
430	51	58	65	65	59	45	31	20	12	10
440	16	23	33	42	45	36	28	23	11	11
450	5	1	-3	-8	-11	-20	-24	-27	-29	-29
460	-28	-22	-9	0	14	21	27	32	30	23
470	15	4	-8	-16	-29	-42	-41	-28	-15	-7
480	0	14	23	31	29	19	9	3	-6	-15

TO BE CONTINUED

CONTINUED(S-1592 EAST)

CONTINUED(S-1592 EAST)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	-24	-32	-35	-33	-26	-18	-13	-7	0	9
500	17	20	14	4	-10	-24	-35	-45	-57	-67
510	-69	-61	-53	-44	-34	-22	-10	10	13	13
520	15	15	15	7	0	-2	-7	-18	-25	-31
530	-34	-23	-25	-21	-16	-7	8	19	36	38
540	48	62	68	64	59	51	42	40	35	37
550	40	39	35	29	18	11	1	-3	-10	-20
560	-39	-35	-39	-34	-24	-13	-5	10	22	30
570	54	54	47	30	14	0	-11	-14	-11	-18
580	-9	-4	3	0	4	0	-12	-21	-23	-16
590	5	6	15	16	13	8	4	4	7	10
600	15	24	35	44	47	50	51	48	45	39
610	32	24	16	6	-14	-23	-30	-38	-45	-59
620	-32	-22	-9	3	15	24	35	32	24	24
630	13	3	-5	-15	-29	-39	-44	-50	-56	-58
640	-59	-61	-60	-51	-40	-24	-8	10	28	43
650	52	53	43	27	16	8	3	3	7	14
660	20	22	23	16	7	6	13	26	38	60
670	71	70	60	67	51	46	38	29	24	23
680	23	29	33	37	41	46	44	44	39	31
690	24	11	7	10	16	20	24	26	21	30
700	22	16	7	0	-5	3	15	30	46	58
710	69	75	65	47	30	11	-8	-24	-39	-44
720	-32	-16	-2	14	32	54	65	60	47	29
730	16	6	-2	-10	-17	-25	-32	-37	-40	-45
740	-50	-53	-54	-59	-65	-65	-64	-57	-45	-52
750	-22	-10	-4	-8	-22	-40	-58	-76	-92	-103
760	-106	-93	-81	-76	-56	-46	-40	-41	-44	-49
770	-59	-68	-76	-84	-91	-89	-72	-57	-38	-29
780	-21	-7	11	29	51	72	75	81	70	59
790	46	24	-8	-31	-53	-54	-62	-66	-65	-66
800	-63	-59	-55	-69	-39	-30	-25	-17	-12	-6
810	-1	-5	9	21	32	47	45	33	23	10
820	1	-2	3	17	29	40	56	70	79	90
830	92	89	84	83	80	74	66	59	51	43
840	37	37	36	36	36	36	34	27	18	7
850	-5	-16	-29	-41	-44	-42	-37	-34	-33	-31
860	-29	-30	-36	-45	-51	-46	-33	-19	-10	-7
870	-9	-18	-29	-39	-53	-69	-79	-81	-68	-52
880	-37	-24	-13	-1	9	19	33	43	52	60
890	62	65	70	72	73	73	73	73	71	67
900	50	50	37	27	17	8	0	-8	-16	-28
910	-27	-13	-1	8	13	16	15	17	15	15
920	9	0	-8	-20	-38	-54	-69	-83	-91	-100
930	-99	-87	-69	-57	-33	-27	-23	-17	-14	-8
940	-5	-2	-1	-5	-7	-10	-13	-16	-19	-19
950	-17	-16	-13	-7	6	23	41	55	69	88
960	105	116	113	103	90	72	54	41	33	28
970	21	24	34	43	46	45	45	42	36	25
980	20	10	-10	-20	-29	-37	-45	-53	-60	-60
990	-61	-58	-58	-60	-60	-59	-57	-53	-47	-41
1000	-34	-28	-19	-13	-11	-16	-18	-18	-19	-18
1010	-17	-13	-5	7	17	22	24	24	23	19
1020	20	21	21	21	18	11	8	-1	-1	2

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1592 EAST)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1570	-60	-64	-69	-50	-49	-50	-49	-45	-42	-39
1580	-35	-51	-26	-20	-13	-3	6	10	20	35
1590	20	12	-6	-7	-11	-21	-28	-33	-38	-42
1600	-38	-33	-25	-24	-27	-28	-37	-44	-50	-55
1610	-48	-45	-49	-47	-42	-44	-44	-44	-44	-44
1620	-34	-40	-44	-44	-46	-44	-44	-44	-44	-44
1630	-19	-4	10	10	6	-3	-12	-22	-28	-33
1640	-35	-42	-49	-37	-60	-64	-64	-62	-60	-58
1650	-16	3	31	59	90	117	154	195	231	271
1660	295	311	326	344	361	373	385	395	397	398
1670	394	384	371	355	346	330	302	253	187	112
1680	13	-79	-156	-216	-272	-325	-379	-432	-489	-542
1690	-506	-514	-516	-514	-511	-508	-509	-503	-503	-502
1700	-501	-505	-506	-504	-500	-492	-484	-464	-446	-415
1710	-380	-339	-290	-230	-170	-105	-40	11	82	87
1720	103	121	134	139	141	146	164	183	204	222
1730	239	286	349	402	429	455	480	503	472	446
1740	426	392	349	299	235	197	138	92	65	49
1750	39	32	23	20	14	7	-1	-10	-22	-36
1760	-57	-82	-106	-155	-210	-274	-312	-341	-362	-369
1770	-353	-322	-279	-212	-135	-68	23	83	101	109
1780	108	90	83	62	49	30	22	43	67	94
1790	133	180	216	246	270	263	238	198	134	72
1800	13	-26	-63	-82	-88	-99	-104	-115	-119	-113
1810	-95	-72	-52	-33	-6	19	50	91	125	155
1820	168	152	135	116	66	10	-43	-93	-130	-149
1830	-140	-111	-83	-55	-25	-12	-10	-3	2	4
1840	3	6	14	25	41	56	79	104	125	135
1850	119	88	65	38	-3	-36	-83	-75	-49	-23
1860	10	59	94	120	128	116	90	53	19	-66
1870	-76	-130	-182	-197	-187	-176	-149	-113	-68	-17
1880	32	91	166	228	263	288	286	252	202	152
1890	122	65	40	34	44	59	33	122	157	199
1900	246	297	345	375	390	380	345	298	242	138
1910	24	-90	-182	-269	-287	-271	-232	-168	-85	-1
1920	50	83	78	43	-3	-35	-71	-103	-126	-145
1930	-159	-166	-135	-114	-108	-113	-118	-113	-93	-68
1940	-69	-30	12	48	119	179	213	239	243	228
1950	201	164	119	72	32	12	16	41	78	117
1960	152	195	236	259	265	256	245	234	217	195
1970	173	151	124	89	58	36	30	47	60	109
1980	135	160	161	155	140	125	116	96	69	34
1990	-7	-65	-128	-228	-307	-363	-403	-391	-371	-343
2000	-316	-293	-265	-284	-280	-296	-321	-338	-353	-368
2010	-375	-373	-355	-338	-332	-328	-265	-234	-204	-164
2020	-110	-65	-35	-49	-69	-85	-98	-114	-114	-77
2030	-58	-11	37	92	175	266	320	369	406	405
2040	374	343	319	278	223	192	161	124	88	67
2050	49	35	22	8	-14	-40	-69	-103	-144	-184
2060	-215	-248	-271	-277	-271	-260	-247	-235	-225	-214
2070	-206	-200	-194	-185	-167	-148	-114	-64	-21	21
2080	30	42	43	36	28	16	-11	-43	-91	-120
2090	-170	-231	-281	-302	-319	-310	-287	-239	-191	-141
2100	-66	0	41	71	88	92	92	104	120	142

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1592 EAST)										CONTINUED (S-1592 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2650	251	223	188	151	112	77	37	-2	-34	-58	3190	156	136	104	69	38	8	-10	-30	-41	-50
2660	-76	-87	-95	-96	-95	-100	-113	-128	-142	-158	3200	-82	-69	-73	-84	-90	-90	-90	-86	-79	-69
2670	174	189	203	214	241	261	271	266	253	242	3210	-38	-34	-34	-62	-68	-80	-83	-98	-111	-120
2680	-230	-231	-186	-158	-120	-70	6	58	103	130	3220	-126	-132	-135	-135	-142	-143	-147	-148	-148	-148
2690	174	171	186	130	113	102	101	116	141	166	3230	-144	-111	-96	-79	-55	-40	-39	-44	-60	-81
2700	162	213	233	241	240	232	213	194	171	151	3240	-95	-105	-113	-113	-110	-107	-103	-98	-82	-79
2710	188	97	59	33	27	30	39	52	68	86	3250	-71	-55	-24	-15	-14	-15	-19	-19	-20	-31
2720	107	127	135	136	123	104	75	47	-19	-97	3260	-59	-37	-26	-9	14	27	72	102	122	139
2730	-171	-234	-255	-236	-222	-176	-130	-36	43	91	3270	142	136	119	103	88	72	69	60	61	70
2740	139	140	115	82	46	4	-45	-92	-121	-160	3280	91	108	126	142	159	159	159	155	147	142
2750	-178	-195	-215	-217	-233	-249	-268	-281	-293	-311	3290	135	129	129	125	128	131	137	149	160	165
2760	-337	-341	-340	-333	-320	-309	-279	-260	-247	-247	3300	167	169	169	167	160	148	139	129	115	103
2770	-234	-238	-238	-254	-275	-293	-304	-313	-310	-289	3310	88	68	50	38	27	22	22	22	12	13
2780	-271	-251	-231	-216	-195	-168	-143	-118	-93	-62	3320	8	2	-5	-11	-15	-21	-26	-47	-60	-82
2790	-32	-6	14	26	40	61	83	93	96	96	3330	-101	-118	-133	-151	-171	-192	-197	-192	-179	-157
2800	96	92	84	80	80	83	96	113	130	148	3340	-140	-129	-120	-112	-99	-96	-94	-102	-108	-110
2810	164	174	162	144	131	93	61	13	-29	-30	3350	-109	-102	-96	-83	-70	-64	-64	-60	-59	-61
2820	-53	-49	-45	-39	-31	-24	-25	-25	-28	-28	3360	-61	-63	-68	-69	-73	-75	-75	-80	-80	-85
2830	-38	-49	-61	-73	-82	-86	-83	-67	-41	-17	3370	-86	-86	-82	-83	-90	-98	-100	-100	-100	-100
2840	7	28	52	92	137	179	206	213	194	170	3380	-98	-94	-83	-71	-56	-41	-41	-37	-28	-21
2850	155	136	124	121	121	115	112	110	106	98	3390	-19	-19	-25	-43	-56	-60	-65	-60	-65	-70
2860	94	86	78	81	91	110	137	148	173	184	3400	-70	-66	-49	-35	-23	-5	19	37	56	69
2870	197	201	200	192	182	170	156	151	149	135	3410	86	98	105	109	113	115	115	114	108	100
2880	124	122	93	71	52	31	15	2	-7	-32	3420	97	87	77	67	58	55	51	40	29	27
2890	-37	-51	-58	-53	-52	-47	-37	-22	-11	-12	3430	29	30	30	28	25	23	21	20	21	24
2900	24	21	6	-12	-33	-58	-82	-98	-111	-122	3440	27	31	37	51	62	66	70	73	70	64
2910	-124	-118	-103	-91	-72	-60	-51	-47	-47	-47	3450	56	50	42	31	24	19	8	1	12	28
2920	-52	-54	-57	-65	-66	-65	-62	-54	-44	-31	3460	-21	-30	-39	-38	-32	-24	-6	1	2	0
2930	-16	-3	8	22	29	32	26	14	3	0	3470	39	42	42	34	20	0	-15	-30	-40	-54
2940	-18	-26	-23	-10	1	18	32	41	51	64	3480	-59	-61	-67	-72	-78	-81	-85	-90	-97	-105
2950	82	103	125	150	165	168	167	161	153	143	3490	-105	-114	-114	-114	-110	-99	-94	-75	-71	-61
2960	139	128	109	84	55	20	-24	-69	-111	-144	3500	-53	-48	-50	-44	-38	-33	-26	-24	-18	-5
2970	-184	-181	-188	-199	-209	-223	-235	-251	-266	-276	3510	9	21	30	41	46	47	42	35	35	42
2980	-261	-274	-261	-253	-239	-227	-215	-194	-166	-136	3520	53	62	62	56	46	37	26	11	2	0
2990	-117	-87	-66	-45	-43	-53	-63	-76	-85	-95	3530	-5	-9	0	11	20	29	36	41	48	52
3000	-91	-90	-91	-89	-85	-85	-69	-55	-37	-19	3540	52	49	41	35	37	49	66	78	87	95
3010	-13	14	37	50	67	87	111	83	102	119	3550	106	121	137	144	147	152	154	148	142	134
3020	118	113	122	127	150	166	190	198	218	225	3560	126	117	108	102	96	89	73	64	58	40
3030	229	225	209	188	175	163	151	142	126	122	3570	33	18	2	-5	-14	-18	-21	-25	-33	-32
3040	109	89	69	57	49	49	50	58	76	92	3580	-31	-32	-35	-35	-44	-46	-46	-46	-46	-32
3050	103	111	117	110	91	63	28	-9	-53	-96	3590	0	-5	0	20	38	48	52	53	43	34
3060	-128	-147	-153	-131	-96	-70	-43	-13	10	30	3600	29	22	14	3	1	-7	-20	-28	-28	-29
3070	42	44	29	5	-10	-29	-46	-54	-58	-54	3610	-42	-44	-55	-66	-73	-84	-86	-92	-103	-99
3080	-35	-42	0	15	29	46	53	53	56	54	3620	-99	-99	-99	-99	-93	-93	-97	-97	-96	-90
3090	15	15	11	19	16	26	36	43	55	71	3630	-84	-79	-71	-65	-62	-60	-60	-65	-76	-87
3100	74	74	74	77	80	85	89	96	105	107	3640	-92	-103	-115	-123	-128	-130	-130	-130	-124	-116
3110	112	116	121	126	130	141	163	169	169	170	3650	-112	-104	-97	-89	-78	-71	-59	-50	-40	-31
3120	167	164	149	125	104	73	44	4	-25	-53	3660	-20	-18	-9	5	24	48	61	73	88	105
3130	-98	-135	-159	-183	-193	-206	-219	-240	-259	-270	3670	122	135	146	153	153	154	160	164	159	176
3140	-292	-313	-335	-348	-349	-348	-337	-314	-296	-276	3680	178	179	179	178	173	165	152	134	113	95
3150	-243	-214	-184	-163	-139	-109	-69	-35	-13	-1	3690	84	67	56	45	39	30	22	15	7	5
3160	20	29	43	59	64	70	85	109	135	151	3700	5	0	-4	-1	-6	-6	6	3	2	6
3170	171	183	187	196	198	194	194	194	186	181	3710	2	0	-4	-1	-6	-6	1	7	12	24
3180	179	179	180	182	186	189	189	193	191	178	3720	30	36	33	35	37	37	25	19	14	5

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1592 EAST)										CONTINUED(S-1592 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3730	-5	-18	-23	-19	-24	-22	-22	-21	-16	-12	4270	11	6	8	7	1	-6	-12	-14	-9	-15
3740	8	15	23	-2	3	1	1	5	10	12	4280	-19	-12	-4	0	4	9	13	14	16	13
3750	13	24	35	28	36	44	46	49	54	56	4290	20	23	21	18	17	17	15	11	7	6
3760	59	62	62	58	50	32	17	3	-13	-56	4300	10	16	20	23	23	27	33	40	45	47
3770	-53	-80	-90	-105	-119	-131	-139	-139	-135	-122	4310	44	45	47	47	40	40	35	29	23	14
3780	-102	-85	-73	-56	-42	-26	-24	-4	5	17	4320	10	2	0	1	-1	-4	-9	-15	-25	-31
3790	24	35	46	58	68	82	90	91	91	94	4330	-37	-48	-22	-59	-64	-68	-31	-84	-87	-84
3800	98	101	102	101	98	96	94	92	88	84	4340	-88	-90	-101	-106	-96	-95	-95	-85	-85	-84
3810	79	70	61	57	58	55	48	42	36	29	4350	-75	-67	-45	-45	-42	-38	-23	-20	-7	0
3820	20	8	-3	-21	-40	-56	-81	-94	-104	-122	4360	-4	5	15	18	32	41	41	49	61	66
3830	-130	-131	-131	-125	-134	-138	-138	-138	-156	-157	4370	67	67	67	68	69	69	70	72	71	75
3840	-170	-164	-177	-179	-179	-178	-174	-171	-171	-172	4380	79	84	88	92	88	87	94	101	105	113
3850	-170	-168	-167	-166	-166	-157	-156	-149	-138	-117	4390	118	118	122	124	128	127	127	129	130	129
3860	-112	-100	-86	-73	-57	-41	-41	-40	-40	-37	4400	125	117	109	107	90	86	75	59	51	50
3870	-39	-37	-36	-31	-31	-26	-17	-11	7	12	4410	48	42	38	37	32	22	8	2	7	-12
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3940	112	116	117	120	124	124	127	129	130	130	4480	-72	-69	-67	-66	-66	-64	-64	-64	-67	-67
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3980	-76	-69	-63	-54	-49	-43	-40	-36	-28	-22	4520	35	31	28	27	27	27	27	27	27	26
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4000	3	3	3	1	1	0	0	0	-4	-3	4540	-4	-8	-13	-16	-13	-9	-6	-6	-5	-4
4010	-14	-13	-13	-11	-11	-12	-13	-18	-21	-26	4550	1	2	7	11	10	10	9	12	13	16
4020	-31	-34	-37	-39	-42	-45	-48	-48	-48	-48	4560	19	23	27	30	31	25	26	25	29	33
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4080	124	114	108	98	88	82	76	70	52	40	4620	-67	-71	-77	-81	-90	-100	-103	-106	-108	-111
4090	38	38	38	38	38	38	38	38	38	30	4630	-113	-114	-114	-105	-105	-106	-108	-110	-111	-113
4100	29	27	22	22	15	13	13	4	0	-5	4640	-115	-114	-112	-113	-115	-115	-113	-109	-105	-102
4110	-6	-6	-5	-5	-5	-5	0	11	13	18	4650	-102	-98	-92	-87	-82	-74	-66	-64	-59	-51
4120	33	23	21	26	35	40	43	44	44	49	4660	-35	-33	-33	-33	-32	-31	-29	-28	-28	-28
4130	31	32	49	45	43	39	30	34	30	15	4670	-46	-43	-41	-40	-39	-38	-35	-34	-34	-34
4140	13	13	14	8	1	7	-12	-18	-22	-33	4680	-33	-30	-24	-20	-18	-13	-7	-3	-2	-5
4150	-4	-4	-4	-65	-72	-76	-79	-85	-93	-98	4690	-3	-10	-12	-16	-18	-18	-17	-12	-5	-2
4160	-106	-113	-123	-136	-144	-148	-149	-156	-163	-166	4700	-3	-1	1	2	0	-4	-9	-17	-12	-15
4170	-168	-169	-164	-158	-157	-157	-157	-156	-154	-153	4710	-20	-23	-28	-28	-35	-39	-51	-65	-72	-72
4180	-131	-148	-148	-147	-146	-143	-139	-136	-133	-132	4720	-75	-78	-79	-71	-66	-64	-59	-50	-40	-34
4190	-131	-128	-124	-119	-113	-107	-102	-93	-90	-79	4730	-62	-61	-60	-59	-57	-54	-48	-37	-41	59
4200	-75	-68	-60	-42	-30	-11	2	6	14	28	4740	-21	-15	-16	-10	-7	13	18	37	41	59
4210	66	70	88	101	109	122	119	121	127	137	4750	175	187	199	208	209	208	211	217	222	226
4220	137	138	135	125	123	122	122	121	120	117	4760	225	223	219	218	220	220	221	221	220	220
4230	113	112	113	111	108	108	107	104	101	94	4770	230	218	211	206	203	192	179	167	155	147
4240	100	92	85	81	81	81	80	77	74	77	4780	139	131	124	116	111	99	90	86	78	68
4250	68	60	57	56	52	46	48	51	44	39	4790	60	50	32	15	4	0	3	6	4	2
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CONTINUED(S-1592 EAST)										CONTINUED(S-1592 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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4820	-21	-20	-20	-21	-29	-33	-35	-37	-45	-54	5360	9	12	16	20	-4	28	30	33	38	43
4830	-68	-85	-89	-94	-102	-90	-83	-80	-90	-85	5370	50	57	64	72	82	90	95	101	108	113
4840	-70	-93	-94	-98	-97	-93	-98	-104	-108	-110	5380	114	115	115	115	115	115	113	111	110	106
4850	-102	-91	-91	-83	-69	-71	-70	-60	-52	-40	5390	102	102	102	103	103	103	102	102	100	97
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4880	-14	-14	-13	-11	-8	-6	-5	0	7	8	5420	35	39	42	45	-55	-60	-61	-71	-74	-74
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4900	26	26	26	25	22	19	17	17	17	16	5440	-128	-130	-128	-128	-128	-128	-129	-129	-130	-130
4910	11	4	0	-3	-6	-8	-11	-18	-24	-27	5450	-130	-130	-130	-130	-130	-130	-130	-130	-131	-131
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4970	58	63	64	59	57	57	57	58	54	55	5510	29	34	34	34	32	34	34	34	35	34
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5120	-27	-32	-25	-18	-9	-3	-1	-1	-2	-4	5660	-53	-49	-45	-41	-34	-28	-26	-21	-19	-18
5130	-7	-5	-4	-5	-7	-7	-5	-3	-3	-6	5670	-18	-18	-18	-19	-20	-18	-15	-13	-11	-9
5140	-7	-9	-11	-13	-10	-7	-6	-6	-7	-8	5680	-5	-2	0	0	0	2	6	7	5	5
5150	-15	-19	-19	-27	-43	-45	-45	-55	-61	-58	5690	5	5	5	12	14	17	19	20	20	22
5160	-61	-67	-67	-80	-74	-79	-80	-80	-88	-92	5700	22	20	19	10	9	3	2	-1	-1	-5
5170	-99	-103	-102	-98	-95	-97	-95	-92	-90	-88	5710	-5	-5	-7	-11	-11	-9	-5	-5	-4	-3
5180	-84	-81	-80	-80	-80	-76	-68	-66	-63	-59	5720	-2	-1	0	2	5	11	15	17	20	22
5190	-62	-64	-59	-58	-60	-58	-51	-51	-51	-51	5730	29	31	33	35	39	41	42	43	43	42
5200	-51	-50	-47	-45	-42	-41	-35	-32	-26	-19	5740	42	42	47	51	52	53	54	56	55	50
5210	-17	-18	-5	-3	-2	-2	-2	-7	-8	-8	5750	43	37	33	33	34	35	36	36	36	36
5220	-6	-7	-6	-5	-5	-5	-5	0	5	8	5760	36	36	36	36	36	36	36	35	32	30
5230	13	18	21	22	15	14	18	20	20	17	5770	26	22	22	19	17	16	28	28	28	30
5240	12	10	6	6	12	22	33	37	39	43	5780	30	30	30	30	29	26	25	25	25	25
5250	39	42	50	54	54	48	40	36	30	31	5790	32	31	19	19	25	28	29	29	29	29
5260	34	30	27	23	20	21	25	30	33	36	5800	30	31	27	24	22	19	15	10	9	9
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5300	7	7	6	8	9	10	10	6	6	10	5840	-3	-3	-2	0	3	3	3	5	8	9
5310	19	25	32	39	42	46	51	56	60	61	5850	10	11	11	11	13	12	9	6	3	3
5320	61	63	62	61	62	62	59	50	46	43	5860	4	9	16	19	19	19	19	19	20	21
5330	39	35	34	34	39	43	38	36	33	33	5870	23	25	27	29	32	39	47	49	51	53
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TO BE CONTINUED

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CONTINUED(S-1592 EAST)										CONTINUED(S-1592 EAST)													
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
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5900	17	14	11	9	4	3	3	2	-2	5	6440	2	0	0	0	6	2	1	0	-4	0	1	
5910	5	5	5	4	3	2	0	-2	-2	-5	6450	-10	-11	-11	-14	-16	-16	-16	-19	-14	-14	-9	
5920	-6	-6	-6	-7	-19	-19	-26	-27	-31	-32	6460	14	-14	-14	-14	-15	-17	-18	-19	-19	-18	-18	
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5940	-64	-64	-64	-64	-64	-64	-64	-62	-62	-61	6480	-14	-14	-14	-14	-15	-17	-18	-21	-24	-27	-32	-36
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5990	-86	-85	-81	-73	-80	-78	-75	-72	-69	-67	6530	-72	-62	-62	-65	-45	-40	-34	-28	-25	-21	-30	-30
6000	-62	-62	-62	-62	-62	-62	-63	-59	-54	-51	6540	-20	-15	-13	-3	6	6	11	14	21	30	30	
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6020	10	18	22	23	26	27	28	28	27	27	6560	58	61	67	68	70	71	72	73	74	78	78	
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TO BE CONTINUED

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CONTINUED(S-1592 EAST)										CONTINUED(S-1592 EAST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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6980	-9	-11	-17	-22	-24	-26	-28	-29	-32	-34	7520	33	30	29	29	29	29	29	29	29	29
6990	-38	-42	-47	-54	-58	-62	-67	-72	-74	-74	7530	29	31	34	35	35	35	40	40	40	40
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7010	-83	-82	-81	-79	-76	-74	-72	-69	-67	-63	7550	40	37	33	33	37	37	38	38	38	39
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TO BE CONTINUED

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CONTINUED (S-1592 EAST)										CONTINUED (S-1592 EAST)												
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
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8060	-23	-22	-21	-19	-18	-20	-20	-19	-19	-18	8600	74	75	77	79	81	84	86	88	90	90	
8070	-19	-20	-20	-20	-20	-21	-21	-21	-21	-22	8610	91	91	87	86	85	85	86	87	87	84	
8080	-21	-20	-19	-18	-20	-22	-22	-23	-26	-22	8620	87	87	87	87	87	84	83	83	81	79	
8090	-30	-30	-32	-33	-37	-40	-42	-43	-48	-51	8630	77	75	72	69	68	67	64	59	47	53	
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8400	67	72	73	75	79	79	79	79	79	79	8940	-1	-3	-6	-4	-4	-4	-4	-4	-4	-4	
8410	78	77	74	73	73	71	68	65	64	63												
8420	61	60	59	58	56	55	54	55	54	51												
8430	48	46	44	44	42	41	40	36	31	30												
8440	29	27	23	19	16	13	7	2	-2	-5												
8450	-7	-7	-7	-11	-14	-17	-21	-24	-26	-28												
8460	-30	-29	-39	-37	-39	-43	-46	-47	-48	-49												
8470	-49	-53	-52	-52	-56	-60	-65	-66	-67	-67												
8480	-68	-68	-70	-71	-72	-73	-75	-75	-75	-73												
8490	-72	-72	-72	-72	-71	-71	-71	-72	-71	-70												
8500	-65	-65	-65	-68	-68	-64	-64	-64	-64	-66												
8510	-45	-44	-44	-42	-40	-37	-37	-37	-37	-37												
8520	-36	-31	-27	-25	-21	-21	-21	-21	-21	-20												
8530	-18	-17	-16	-17	-17	-17	-15	-9	7	7												
8540	-6	-1	0	2	2	3	5	7	10	14												
8550	16	17	20	22	23	23	23	24	24	24												
8560	24	24	24	24	24	24	24	24	24	24												
8570	24	24	25	26	27	29	30	32	35	35												
8580	35	33	33	34	36	44	44	48	51	52												

TO BE CONTINUED

END

RECORD = S-1592 COMPONENT = DOWN STATION = AOMORI-S
 DATE AND TIME = 1983-06-21-15-26 TOTAL NUMBER OF DATA = 8950
 SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 SIGNAL = GR. ACQ.
 CONNECTION POINT IN DATA NUMBER = 3026, 6005, 8950.

CONTINUED(S-1592 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	-5	-5	-2	3	14	29	36	41	42	34
500	39	7	6	11	16	24	32	38	43	45
510	21	29	20	11	0	-3	1	5	6	7
520	17	42	29	37	43	44	44	40	21	5
530	-15	-42	-60	-71	-71	-43	-34	-22	-4	-1
540	-2	15	-25	-32	34	-32	-20	-2	8	20
550	20	-19	3	7	2	-6	-10	-9	-5	-5
560	-9	-16	-23	-27	-35	-36	-35	-28	-19	-14
570	-10	-8	-6	-4	-10	-17	-17	-16	-11	0
580	10	26	39	39	39	39	37	34	34	32
590	29	19	11	4	0	1	2	2	2	3
600	3	3	3	15	-25	-33	-33	-23	-17	-5
610	3	11	14	16	10	3	-14	-26	-48	-62
620	-65	-65	-60	-46	-27	-11	-5	-5	-11	-17
630	-20	-15	0	10	20	32	39	46	50	54
640	54	54	55	57	56	55	55	51	43	38
650	36	33	18	18	19	22	24	27	29	30
660	30	31	32	33	36	37	38	39	41	34
670	13	-7	-31	-42	-43	-40	-27	-16	-6	-2
680	-4	-6	-17	-22	-25	-28	-32	-30	-26	-24
690	-23	-22	-21	-21	-22	-26	-33	-39	-43	-45
700	-48	-47	-44	-42	-41	-39	-35	-32	-35	-41
710	-9	-8	-10	-13	-16	-19	-24	-23	-29	-31
720	-33	-33	-31	-29	-26	-24	-21	-16	-9	-0
730	5	7	7	4	1	-1	-7	-9	-7	-7
740	-7	-8	-8	-10	-15	-19	-16	-16	-14	-10
750	-6	0	2	2	2	3	5	7	10	12
760	15	17	19	14	5	1	-2	-3	-5	-16
770	-21	-21	-20	-16	-7	1	7	7	3	-2
780	-3	-3	-4	-4	-4	-4	2	6	8	13
790	16	16	16	11	1	-4	-5	-5	1	5
800	5	5	3	1	-4	-5	-4	-2	-2	3
810	4	4	4	1	-5	-9	-10	-6	-3	3
820	3	-4	-3	-11	-14	-19	-22	-29	-32	-27
830	-19	-18	-15	-10	-3	3	3	5	6	8
840	10	13	15	16	12	17	14	7	0	7
850	-9	-11	-12	-12	-12	-11	-11	-7	0	-7
860	15	19	18	9	3	0	5	6	-7	-8
870	-9	-10	-10	-6	-3	-5	-2	0	1	2
880	5	6	9	13	15	19	23	26	32	37
890	40	46	50	53	62	65	62	54	43	24
900	11	9	4	3	2	-2	-6	-12	-16	-21
910	-23	-18	-9	-5	0	0	0	1	6	8
920	15	17	20	24	31	34	32	32	32	34
930	32	31	31	25	22	13	4	-3	-13	-15
940	-18	-18	-17	-13	-7	-6	-7	-9	-13	-19
950	-22	-20	-24	-29	-23	-18	-16	-11	-8	-8
960	-9	-14	-19	-22	-27	-31	-35	-38	-38	-37
970	-37	-37	-37	-37	-37	-36	-30	-19	-7	-2
980	0	4	4	4	1	1	8	9	10	13
990	20	25	28	29	27	21	20	17	12	9
1000	8	2	3	-8	-10	-9	-8	-8	-8	-9
1010	-16	-18	-17	-9	0	7	19	24	23	26
1020	26	26	25	22	16	6	2	-1	2	8

TO BE CONTINUED

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
480	-8	-3	0	2	3	4	4	2	0	-4
470	-15	-16	-16	-14	-15	-16	-17	-17	-15	-12
460	-8	-1	-10	-15	-23	-22	-17	-18	-23	-18
450	-64	-60	-42	-24	-12	-2	18	23	18	18
440	-4	-2	0	-5	-22	-46	-53	-62	-64	-68
430	-62	-43	-28	-5	-13	-39	-58	-67	-69	-77
420	36	23	16	5	13	27	43	54	61	68
410	-6	-5	-4	0	3	11	17	25	35	45
400	44	53	54	43	27	8	-3	-4	-6	-6
390	-19	-19	-19	-16	-11	-5	0	7	26	41
380	-9	-9	-8	-7	-7	-5	-6	-8	-15	-20
370	-16	-7	5	14	19	18	9	3	0	-6
360	8	8	7	1	-5	-10	-14	-16	-16	-16
350	50	36	27	17	9	5	5	6	5	6
340	-19	-13	-1	9	23	37	48	56	56	56
330	-38	-36	-26	-23	-19	-12	-9	-11	-17	-18
320	1	-4	-2	-3	-3	-7	-15	-21	-30	-36
310	-22	-11	14	12	8	10	10	10	6	1
300	-8	-21	-29	-41	-46	-47	-38	-29	-27	-27
290	17	16	16	16	16	15	14	9	2	2
280	8	8	16	27	36	42	43	34	23	18
270	16	22	26	28	27	24	20	15	12	12
260	7	3	1	2	3	5	7	9	12	12
250	0	11	18	23	27	26	23	20	17	13
240	-5	-11	-16	-20	-24	-28	-31	-30	-22	-10
230	20	25	29	29	29	29	25	18	11	2
220	-2	17	18	5	-6	-11	-15	-12	-7	14
210	9	10	10	10	10	10	10	10	10	10
200	17	16	-10	-5	2	0	-5	-9	-12	-17
190	11	4	15	14	13	20	22	24	25	20
180	18	15	14	13	20	22	24	24	25	20
170	-17	-16	-10	-5	0	4	12	20	23	20
160	-35	-30	-22	-11	0	4	10	-3	-9	-9
150	4	4	-2	-13	-24	-36	-41	-41	-40	-37
140	2	-1	-7	-13	-14	-19	-22	-18	-8	-1
130	20	20	21	22	22	21	18	14	10	6
120	-25	-23	-21	-17	-9	-1	6	13	19	19
110	36	35	33	28	26	18	7	-1	-8	-15
100	0	1	1	3	8	13	18	25	31	37
90	11	8	2	0	0	-3	-6	-5	2	1
80	-27	-28	-15	-4	1	7	12	16	18	13
70	-8	-8	-9	-13	-17	-18	-18	-18	-23	-18
60	-34	-26	-22	-12	-15	-12	-9	-8	-8	-8
50	-11	-13	-16	-19	-22	-25	-29	-35	-38	-38
40	-24	-10	-10	-10	-10	-9	-9	-14	-19	-19
30	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
20	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
0	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10

TO BE CONTINUED

CONTINUED(S-1592 DOWN)										CONTINUED(S-1592 DOWN)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	12	11	11	10	6	5	0	-2	1	11	1570	-70	-61	-52	-36	-22	-8	4	13	17	17
1040	25	27	39	42	43	42	42	39	24	18	1580	-15	10	10	3	-22	-2	-9	-6	-11	-16
1050	13	8	-1	-12	-18	-18	-18	-16	-9	0	1590	-17	-19	-22	-25	-26	-28	-31	-32	-32	-35
1060	5	9	9	11	10	11	11	12	11	10	1600	-37	-38	-42	-48	-51	-51	-42	-24	1	14
1070	7	1	-3	-11	-13	-15	-18	-20	-19	-15	1610	-26	-33	-36	37	37	36	36	51	25	19
1080	-8	-1	1	-1	-1	-12	-19	-26	-37	-41	1620	12	3	7	-9	-9	-4	1	8	18	21
1090	-40	-38	-34	-30	-26	-23	-18	-16	-14	-11	1630	19	15	14	15	20	22	23	24	27	28
1100	-11	9	14	19	20	21	21	19	13	9	1640	29	35	37	39	43	43	39	37	34	32
1120	2	-2	-10	-13	-12	-6	0	4	7	9	1650	26	14	3	-7	-12	-12	-11	-9	-14	-13
1130	9	9	9	-4	-3	-2	-10	-17	-23	-24	1660	-31	-8	-29	-22	-7	0	12	26	38	42
1140	-11	-7	-5	-1	0	0	-1	-2	29	33	1680	37	28	21	9	0	-11	-22	-29	-24	-29
1150	-11	4	4	4	32	26	21	18	14	8	1690	-32	-10	11	30	47	62	64	57	56	64
1170	-2	-7	-8	-9	-10	-12	-13	-16	-16	-16	1700	67	61	50	59	68	73	76	78	75	70
1180	-15	-12	-11	-11	-11	-12	-12	-12	-12	-12	1710	67	61	54	65	30	11	-1	-9	-12	-5
1190	-12	-13	-13	-13	-13	-13	-11	-9	-9	-9	1720	5	6	9	11	10	3	1	-9	-21	-21
1200	-7	-4	-1	0	0	0	0	-1	-5	-11	1730	-27	-30	-32	-35	-30	-20	-11	-3	7	14
1210	-15	-16	-20	-25	-29	-32	-32	-33	-34	-34	1740	25	31	25	17	12	5	-5	-14	-21	-12
1220	-34	-29	-20	-13	-10	-10	-10	-10	-10	-10	1750	8	12	15	17	12	5	-5	-14	-21	-12
1230	-6	-1	3	12	18	19	19	19	17	11	1760	48	38	31	23	18	13	11	7	26	27
1240	0	-4	-10	-12	-14	-15	-12	-6	0	6	1770	29	23	7	-5	-21	-31	-33	-43	-43	-38
1250	16	18	19	20	21	21	21	21	21	21	1790	-43	-43	-42	-39	-20	-11	2	11	18	20
1260	1	19	20	20	20	20	19	15	12	9	1800	4	-7	65	72	74	70	61	55	43	26
1280	2	-2	-10	-13	-12	-12	-12	-5	-5	-13	1810	66	57	50	28	17	2	-18	-38	-52	-57
1290	-10	-4	0	2	3	5	6	5	4	2	1820	22	28	-24	-3	11	7	-8	-20	-55	-59
1300	-10	-4	0	2	3	5	6	5	4	2	1830	-45	-54	-46	-54	-66	-57	-108	-112	-108	-93
1310	1	0	0	-8	-9	-10	-10	-10	-10	-9	1840	-49	-45	-46	-54	-66	-57	-108	-112	-108	-93
1320	-6	-5	-3	-3	-6	-12	-19	-27	-23	-15	1850	-60	-56	-25	-16	-12	-11	-11	-15	-18	-29
1330	-14	-10	-1	1	1	1	2	3	5	7	1860	-50	-31	-27	-15	-22	-31	-45	-53	-70	-53
1340	10	13	15	17	20	22	25	27	29	30	1870	-12	-15	-22	-31	-45	-53	-70	-82	-101	-106
1350	33	35	36	36	33	29	26	25	21	17	1880	56	62	69	77	96	97	91	58	32	9
1360	15	12	12	4	1	-2	-5	-6	-11	-14	1890	-4	-13	-22	-38	-48	-45	-37	-23	-13	-14
1370	-14	-14	-17	-20	-20	-20	-22	-22	-23	-27	1910	-22	-22	-19	-14	-12	-11	-14	-23	-25	-34
1380	-33	-35	-37	-39	-33	-29	-23	-13	-6	1	1920	-49	-41	-22	-2	7	11	33	41	39	30
1390	11	14	16	20	22	26	27	25	23	15	1930	22	17	0	-21	-49	-89	-104	-113	-114	-114
1400	5	-4	0	2	3	8	9	10	11	11	1940	-103	-83	-65	-47	-33	-33	-15	-4	9	18
1410	9	-2	-6	-5	-4	3	7	7	8	10	1950	35	56	73	86	89	76	47	23	15	16
1420	11	11	12	13	13	13	13	13	14	16	1960	21	31	38	45	48	69	44	28	17	8
1430	17	18	18	16	11	12	17	20	21	22	1970	-2	-11	-15	-14	-14	-13	-14	-17	-17	-17
1440	22	22	21	19	17	12	11	10	7	5	1980	-19	-21	-25	-25	-27	-27	-22	-17	-13	-7
1450	3	0	-2	-2	-1	0	0	0	0	0	1990	-6	3	8	10	10	9	4	-17	-34	-53
1460	0	0	0	0	0	1	1	1	1	2	2000	-66	-66	-75	-73	-66	-51	-34	-20	4	26
1470	3	1	-3	-9	-11	-11	-15	-20	-22	-2	2010	46	65	79	82	83	82	79	77	67	57
1480	-1	0	0	0	-3	-9	-15	-20	-22	-2	2020	46	65	79	82	83	82	79	77	67	57
1490	-25	-26	-24	-20	-17	-17	-14	-12	-13	-15	2030	53	44	35	38	44	49	50	50	50	50
1500	-17	-23	-24	-26	-21	-17	-12	-7	-7	0	2040	42	24	6	0	-19	-38	-59	-77	-94	-91
1510	4	12	19	20	23	28	31	32	35	35	2050	-20	-15	-7	3	11	19	22	25	32	37
1520	36	37	38	38	33	21	13	9	5	-5	2060	43	57	63	65	67	66	63	58	56	53
1530	-9	-11	-8	-5	-4	0	2	2	3	4	2070	48	33	35	35	31	15	5	12	22	30
1540	7	9	12	13	14	15	17	18	18	18	2080	38	33	35	35	31	15	5	12	22	30
1550	18	17	10	0	-13	-33	-45	-56	-65	-72	2090	-79	-95	-102	-100	-77	-48	-24	-7	7	13
1560	-82	-92	-103	-107	-107	-107	-106	-98	-88	-82	2100	13	12	10	0	-8	-9	-9	-6	3	21

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1592 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2110	40	54	76	94	98	97	84	66	56	51
2120	50	51	48	35	23	20	16	20	22	27
2130	52	34	28	14	-1	-9	-12	-11	-8	-2
2140	6	11	15	21	22	30	47	59	62	74
2150	59	53	51	36	22	-2	-23	-57	-92	-126
2160	-145	-151	-147	-136	-119	-96	-78	-57	-40	-10
2170	16	42	65	83	103	109	127	127	127	131
2180	147	160	157	153	145	132	116	88	45	11
2190	-21	-51	-70	-80	-87	-86	-74	-69	-59	-59
2200	-51	-45	-41	-36	-28	-24	-24	-29	-29	-37
2210	-42	-45	-49	-50	-48	-35	-17	-5	7	16
2220	14	3	-5	-8	-8	3	15	27	38	38
2230	34	10	-21	-45	-68	-94	-103	-101	-89	-79
2240	-81	-93	-96	-96	-79	-72	-59	-37	-16	0
2250	-9	-15	-25	-34	-34	-27	-15	-1	14	26
2260	32	39	52	56	61	59	39	62	67	72
2270	78	85	84	85	82	68	54	34	17	6
2280	0	-8	-26	-39	-64	-88	-97	-97	-95	-84
2290	-72	-64	-61	-62	-77	-98	-102	-114	-114	-116
2300	-116	-116	-108	-108	-92	-84	-66	-48	-21	0
2310	11	5	-2	-8	-19	-41	-59	-76	-90	-97
2320	-96	-81	-51	-13	25	60	76	60	34	16
2330	-1	-20	-49	-69	-62	-56	-41	-27	-31	-13
2340	0	19	30	36	38	32	25	24	28	33
2350	28	31	36	41	45	35	36	41	43	54
2360	50	53	55	59	60	63	79	102	110	114
2370	136	143	141	117	102	94	95	75	85	51
2380	19	-8	-23	-39	-48	-56	-60	-70	-70	-89
2390	-95	-113	-148	-151	-162	-149	-135	-102	-46	-10
2400	12	34	40	54	53	48	42	40	42	40
2410	38	39	39	29	17	-1	-17	-15	-25	-29
2420	-10	-13	-20	-22	-26	-31	-37	-43	-49	-51
2430	-69	-54	-17	-3	4	18	15	1	-1	-11
2440	-26	-37	-40	-40	-40	-44	-43	-32	-17	-6
2450	5	22	39	59	78	88	91	83	66	41
2460	17	0	-17	-19	-13	-8	6	14	25	34
2470	29	21	26	28	25	19	14	9	9	10
2480	13	19	22	22	24	34	37	37	42	31
2490	21	12	7	-5	-15	-9	-3	2	17	21
2500	62	53	60	63	61	57	58	58	58	52
2510	44	38	29	18	17	23	29	29	27	30
2520	29	24	19	13	16	9	-4	-18	-25	-28
2530	-26	-11	8	6	3	-5	-12	-21	-21	-21
2540	-21	-21	-21	-19	-18	-20	-23	-23	-23	-23
2550	-23	-25	-25	-29	-35	-45	-58	-76	-101	-121
2560	-129	-118	-103	-90	-69	-43	-28	-4	-23	-4
2570	-27	-33	-38	-41	-45	-42	-47	-39	-32	-32
2580	-32	-32	-29	-27	-20	-9	2	9	12	10
2590	0	-9	-20	-25	-32	-40	-33	-18	4	8
2600	22	35	36	28	17	10	4	-3	-3	7
2610	10	20	26	27	24	21	15	12	10	7
2620	4	3	9	11	5	6	8	14	18	18
2630	23	28	37	40	40	38	28	21	18	7
2640	2	1	-7	-9	-11	-10	-8	-4	-1	3

TO BE CONTINUED

CONTINUED (S-1592 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2650	3	6	15	24	29	34	41	47	48	50
2660	57	50	44	42	35	30	22	14	18	23
2670	31	41	60	84	100	112	121	118	98	74
2680	54	38	32	19	8	8	7	4	2	6
2690	2	-3	-4	-10	-18	-24	-34	-49	-66	-80
2700	-99	-127	-139	-135	-125	-109	-93	-78	-64	-52
2710	-46	-43	-37	-34	-21	3	23	43	51	52
2720	49	38	28	21	14	10	10	15	21	40
2730	56	39	59	57	54	49	49	43	37	28
2740	19	2	-7	-12	-12	-21	-23	-33	8	27
2750	32	39	53	57	58	58	58	53	46	39
2760	29	22	16	17	17	15	16	14	9	8
2770	8	9	15	25	39	47	55	62	62	60
2780	58	56	51	45	43	35	33	32	25	21
2790	20	17	9	4	1	0	-6	-11	-13	-11
2800	-13	-14	-15	-11	-12	-17	-23	-27	-30	-30
2810	-35	-38	-38	-38	-42	-36	-28	-30	-36	-44
2820	-51	-59	-66	-69	-61	-47	-38	-32	-29	-24
2830	-24	-30	-35	-39	-48	-54	-57	-58	-55	-53
2840	-45	-35	-20	-20	-11	-4	5	10	11	3
2850	-7	-13	-17	-25	-35	-40	-44	-51	-59	-60
2860	-54	-50	-43	-40	-39	-27	-21	-18	-19	-18
2870	-13	-16	-18	-14	-19	-15	-10	-4	9	11
2880	13	9	4	-1	-8	-18	-26	-29	-28	-21
2890	-66	-9	-2	10	19	28	28	32	46	53
2900	63	72	84	96	103	105	105	103	99	99
2910	93	91	85	81	80	78	78	78	77	71
2920	60	60	58	56	55	51	45	43	40	42
2930	44	46	44	39	29	16	2	-9	-17	-24
2940	-22	-12	-1	7	15	23	23	17	4	-9
2950	-19	-25	-29	-36	-37	-34	-30	-25	-19	-15
2960	-15	-15	-15	-15	-15	-17	-21	-25	-37	-45
2970	-50	-48	-45	-32	-26	-16	-2	-18	-19	-16
2980	-9	-4	-3	-4	-2	1	2	1	-4	-7
2990	-7	-6	-3	-3	-6	-6	-5	-2	-2	-13
3000	-17	-19	-26	-32	-32	-37	-43	-46	-55	-55
3010	-58	-60	-72	-77	-82	-82	-80	-78	-73	-73
3020	-71	-69	-66	-63	-61	-59	-55	-57	-55	-52
3030	-50	-45	-31	-11	4	14	22	39	54	64
3040	67	70	70	67	61	55	50	51	59	66
3050	71	73	76	78	78	75	70	66	65	65
3060	65	66	69	74	78	80	80	75	57	40
3070	31	24	22	20	19	19	19	19	19	19
3080	18	12	6	0	-8	-11	-12	-15	-16	-17
3090	-18	-15	-6	0	3	6	7	3	0	0
3100	-1	-2	-3	-3	-3	-1	0	2	10	10
3110	10	17	13	13	15	13	16	15	14	9
3120	5	7	8	8	10	16	18	19	26	35
3130	39	40	40	39	36	36	36	34	32	32
3140	26	26	26	26	26	26	26	26	27	31
3150	31	31	30	28	26	23	25	28	29	31
3160	34	35	35	35	35	34	27	16	9	7
3170	3	-7	-17	-29	-53	-76	-90	-105	-116	-126
3180	-135	-145	-144	-136	-131	-119	-104	-92	-82	-68

TO BE CONTINUED

CONTINUED(S-1592 DOWN)										CONTINUED(S-1592 DOWN)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3190	-59	-54	-44	-37	-38	-34	-25	-18	-15	-13	3730	48	45	43	42	42	42	42	42	42	40
3200	-6	-3	-9	0	12	-33	-26	-27	-27	-27	3740	39	39	39	39	39	39	39	39	39	40
3210	-21	-14	0	17	33	46	53	60	64	65	3750	38	30	15	14	4	-1	-20	-22	-38	-44
3220	63	61	58	61	56	51	47	37	29	21	3760	-57	-65	-74	-83	-88	-107	-107	-91	-94	-99
3230	16	9	4	0	-3	-10	-17	-18	-23	-25	3770	-101	-102	-104	-105	-107	-107	-107	-107	-107	-107
3240	-25	-25	-23	-13	-21	-21	-20	-18	-17	-14	3780	-105	-104	-104	-104	-103	-85	-57	-48	-91	-95
3250	-13	-9	4	13	30	41	53	60	63	61	3790	-89	-88	-86	-86	-72	-65	-57	-48	-41	-35
3260	58	57	51	43	36	30	21	8	2	-8	3800	-32	-31	-29	-27	-27	-27	-27	-31	-32	-26
3270	-13	-15	-15	-10	-9	-8	-1	5	13	19	3810	-19	-16	-17	-11	11	21	28	34	43	48
3280	19	17	17	16	18	19	19	19	19	19	3820	52	59	66	72	74	76	81	86	89	88
3290	18	17	16	18	20	21	20	19	21	24	3830	90	92	94	94	96	96	92	89	87	88
3300	24	27	28	26	23	19	16	12	5	-6	3840	79	77	73	72	65	61	57	58	51	50
3310	-16	-23	-25	-22	-40	-34	-23	-18	-14	0	3850	49	45	44	40	37	35	28	26	20	20
3320	10	16	23	27	31	35	36	35	34	34	3860	16	11	6	8	5	4	9	11	11	12
3330	33	31	29	31	33	34	29	19	13	7	3870	14	17	19	18	10	10	9	6	5	5
3340	3	-1	-4	-4	-6	-8	-7	-2	6	12	3880	5	5	2	0	-6	-10	-8	-9	-11	-14
3350	19	20	23	29	40	44	44	42	31	21	3890	-17	-21	-25	-28	-30	-31	-31	-32	-33	-35
3360	13	9	9	6	6	7	3	0	0	0	3900	-40	-43	-44	-46	-49	-53	-54	-53	-53	-53
3370	2	0	0	2	0	-4	-4	-4	-9	-10	3910	-54	-54	-54	-54	-54	-54	-55	-55	-56	-56
3380	-11	-14	-16	-16	-16	-16	-16	-16	-16	-16	3920	-55	-53	-53	-52	-49	-46	-42	-38	-36	-33
3390	-17	-17	-21	-38	-44	-54	-60	-70	-82	-88	3930	-30	-28	-24	-20	-15	-9	-6	-3	-1	-1
3400	-90	-93	-94	-94	-92	-84	-72	-59	-49	-33	3940	0	8	15	20	25	29	32	31	31	31
3410	-56	-34	-32	-31	-28	-19	-10	-4	-1	-1	3950	67	65	65	60	53	60	60	62	63	64
3420	0	4	8	8	8	18	35	43	47	48	3960	68	63	68	66	65	65	64	60	53	52
3430	49	51	52	53	53	56	61	65	65	64	3970	51	47	44	42	38	38	37	33	28	27
3440	64	63	63	64	71	75	76	86	94	96	3980	27	25	24	20	17	20	14	14	13	10
3450	95	93	93	91	90	96	99	102	103	102	3990	8	8	7	7	6	4	5	1	1	0
3460	99	97	95	94	94	92	90	89	82	74	4000	0	-1	-8	-10	-11	-11	-12	-15	-15	-15
3470	69	64	54	40	40	46	48	49	49	47	4010	-17	-19	-22	-26	-29	-33	-42	-46	-48	-49
3480	42	41	40	40	38	19	9	2	-10	-23	4020	-54	-60	-61	-61	-62	-64	-65	-70	-77	-79
3490	-39	-46	-49	-57	-70	-80	-92	-92	-94	-94	4030	-79	-80	-80	-82	-84	-85	-87	-89	-90	-90
3500	-99	-109	-114	-118	-123	-129	-138	-146	-148	-153	4040	-90	-88	-88	-87	-83	-78	-78	-76	-71	-64
3510	-153	-147	-140	-141	-139	-133	-124	-122	-121	-114	4050	-58	-53	-44	-36	-30	-21	-14	-11	-4	1
3520	-101	-88	-74	-64	-57	-46	-33	-24	-21	-21	4060	7	13	19	26	30	38	44	45	52	54
3530	-59	-38	-37	-34	-31	-28	-24	-21	-21	-21	4070	54	54	54	54	53	54	55	55	56	56
3540	-20	-20	-20	-17	-11	-11	-8	0	0	4	4080	56	55	55	51	65	67	69	69	71	72
3550	4	5	5	6	6	7	8	9	11	13	4090	72	72	73	73	73	73	73	73	73	73
3560	13	12	12	12	12	12	13	15	20	22	4100	73	73	72	71	61	55	55	41	37	30
3570	23	24	25	26	26	26	26	26	25	25	4110	28	26	25	22	17	12	6	-9	-9	-8
3580	25	25	25	25	22	21	21	21	21	21	4120	-7	-5	-10	-18	-21	-27	-30	-39	-49	-54
3590	21	21	21	21	21	21	21	21	21	21	4130	-54	-55	-58	-64	-68	-65	-68	-70	-72	-73
3600	22	22	22	22	22	22	22	22	22	18	4140	-73	-71	-68	-69	-69	-69	-68	-68	-66	-62
3610	14	12	11	10	8	7	5	5	5	7	4150	-59	-55	-53	-44	-39	-34	-30	-34	-37	-41
3620	9	12	12	12	12	12	16	22	21	30	4160	-11	-2	7	11	15	22	29	36	41	41
3630	35	35	36	40	46	46	46	46	45	45	4170	42	51	61	68	74	77	78	79	81	88
3640	43	42	42	42	43	44	44	44	44	44	4180	96	101	103	104	109	114	115	115	111	109
3650	46	42	36	33	31	25	23	19	17	16	4190	109	109	109	109	104	98	95	92	90	83
3660	10	0	0	0	0	-6	-7	-7	-7	-7	4200	76	74	70	63	55	54	50	43	39	36
3670	-7	-7	-7	-7	-7	-10	-13	-15	-18	-20	4210	31	22	10	9	2	-7	-16	-17	-18	-21
3680	-25	-34	-41	-47	-52	-55	-55	-61	-73	-81	4220	-33	-22	-19	-54	-65	-67	-77	-78	-79	-83
3690	-78	-76	-76	-76	-74	-71	-68	-63	-58	-58	4230	-85	-92	-95	-92	-98	-98	-98	-98	-98	-98
3700	-52	-45	-35	-31	-32	-3	6	26	34	34	4240	-97	-94	-92	-96	-98	-98	-97	-95	-94	-94
3710	42	51	60	62	61	60	63	62	62	58	4250	-91	-89	-89	-89	-89	-89	-89	-86	-86	-81
3720	57	52	52	52	52	49	48	48	48	48	4260	-44	-40	-37	-35	-31	-27	-23	-15	-12	-8

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1592 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4270	-3	0	1	5	8	12	15	20	24	27
4280	30	34	38	40	43	44	43	42	39	37
4290	37	38	36	35	35	34	31	27	25	22
4300	20	19	18	13	9	5	2	-1	-4	-6
4310	-14	-19	-21	-26	-30	-34	-38	-39	-35	-33
4320	-33	-33	-31	-29	-31	-32	-30	-27	-22	-17
4330	-11	-6	2	7	7	7	9	18	19	19
4340	19	22	25	25	25	25	26	29	31	31
4350	31	31	29	24	21	18	12	11	11	10
4360	16	15	15	15	15	14	10	7	4	3
4370	0	-4	-4	-4	-4	-3	-2	-1	-1	-1
4380	-2	-5	-10	-11	-11	-10	-8	-7	-7	-7
4390	-7	-7	-7	-6	-2	-2	-1	-1	-1	-2
4400	-2	-2	-3	-5	-6	-7	-8	-11	-14	-15
4410	-13	-15	-15	-15	-14	-12	-10	-8	-5	2
4420	3	5	6	7	9	10	13	16	16	16
4430	18	20	23	25	24	23	22	22	21	20
4440	19	15	11	9	7	7	8	10	11	11
4450	11	11	11	11	11	7	6	6	4	0
4460	-1	-1	0	0	0	-3	-3	-7	-16	-22
4470	-25	-25	-30	-32	-39	-45	-45	-45	-51	-54
4480	-56	-50	-50	-51	-52	-52	-53	-58	-59	-59
4490	-59	-59	-59	-57	-56	-52	-50	-47	-46	-46
4500	-43	-39	-35	-28	-26	-24	-19	-13	-11	-6
4510	1	6	9	16	18	21	21	23	20	33
4520	37	37	40	45	49	53	55	60	57	59
4530	74	77	79	79	79	79	79	79	79	79
4540	79	79	78	78	76	73	62	53	51	48
4550	40	35	28	19	14	9	4	-5	-10	-15
4560	-19	-20	-28	-31	-37	-43	-44	-47	-50	-55
4570	-60	-67	-76	-78	-77	-76	-76	-81	-86	-86
4580	-86	-85	-81	-79	-79	-79	-79	-80	-80	-80
4590	-80	-80	-80	-78	-78	-78	-76	-74	-71	-67
4600	-64	-62	-57	-52	-50	-43	-41	-39	-36	-33
4610	-28	-27	-22	-19	-17	-13	-10	-8	-5	0
4620	7	7	10	15	20	17	17	20	24	31
4630	36	40	45	49	51	54	57	60	64	69
4640	74	82	84	84	84	86	89	95	99	98
4650	98	99	102	105	106	109	112	113	115	116
4660	113	114	116	117	117	117	117	114	110	109
4670	108	105	103	99	95	94	93	90	87	82
4680	84	85	77	72	68	67	67	62	54	44
4690	41	38	30	25	19	18	13	7	2	0
4700	-11	-17	-19	-20	-25	-34	-44	-47	-54	-64
4710	-65	-66	-71	-74	-79	-86	-93	-98	-95	-95
4720	-96	-98	-97	-100	-100	-100	-100	-104	-104	-104
4730	-97	-96	-94	-93	-91	-94	-94	-90	-88	-87
4740	-93	-95	-98	-99	-101	-102	-101	-95	-93	-91
4750	-88	-78	-77	-76	-73	-69	-65	-63	-55	-48
4760	-42	-38	-36	-33	-27	-22	-19	-15	-5	3
4770	3	2	7	15	21	25	33	38	40	44
4780	47	49	51	54	55	57	59	59	58	57
4790	65	68	71	76	81	83	85	83	86	86
4800	90	92	94	92	91	92	90	86	86	85

TO BE CONTINUED

CONTINUED(S-1592 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4810	82	80	80	81	84	85	85	81	74	71
4820	66	64	62	56	55	55	52	48	40	36
4830	29	28	17	14	9	5	3	-12	-13	-6
4840	-6	-14	-14	-16	-19	-18	-18	-27	-37	-41
4850	-43	-44	-42	-36	-49	-50	-50	-53	-55	-58
4860	-56	-56	-56	-52	-51	-51	-51	-48	-47	-45
4870	-41	-41	-39	-35	-35	-39	-29	-29	-28	-24
4880	-21	-19	-17	-13	-9	-4	-1	5	9	9
4890	9	10	12	17	26	30	29	27	25	25
4900	25	26	30	32	30	30	30	31	35	38
4910	38	33	29	23	21	20	19	16	12	11
4920	11	5	3	5	6	5	3	0	-5	-8
4930	-9	-12	-14	-19	-20	-20	-22	-24	-30	-32
4940	-34	-34	-35	-40	-43	-47	-50	-48	-49	-49
4950	-48	-49	-50	-51	-51	-51	-51	-53	-53	-53
4960	-53	-53	-48	-49	-44	-44	-42	-39	-38	-38
4970	-38	-38	-38	-36	-34	-33	-33	-32	-30	-28
4980	-23	-22	-19	-12	-12	-12	-11	-9	-8	-5
4990	-1	1	3	4	0	-3	-2	0	4	10
5000	11	16	17	20	26	28	27	28	30	33
5010	35	35	36	38	39	40	40	40	38	34
5020	34	33	33	33	33	32	29	27	27	27
5030	27	27	27	27	27	25	22	21	21	21
5040	21	16	11	8	6	5	2	0	-2	-5
5050	-6	-6	-2	-1	-2	-2	0	0	1	0
5060	1	-1	-1	-2	-2	-2	0	0	1	1
5070	17	18	21	22	23	24	26	26	26	27
5080	1	1	2	2	2	2	2	2	2	2
5090	30	40	41	37	36	35	38	38	36	36
5100	36	38	37	36	34	31	30	25	23	22
5110	20	20	18	14	11	10	9	8	8	8
5120	5	8	1	0	-1	-5	-9	-9	-10	-12
5130	-16	-17	-17	-19	-23	-27	-29	-33	-36	-39
5140	-41	-42	-43	-45	-49	-51	-51	-51	-50	-49
5150	-49	-49	-49	-50	-51	-52	-51	-48	-47	-47
5160	-45	-44	-44	-44	-44	-45	-45	-42	-42	-42
5170	-42	-42	-39	-37	-37	-35	-34	-33	-32	-32
5180	-32	-23	-20	-20	-20	-16	-14	-11	-8	-4
5190	-1	0	0	0	3	6	7	7	10	13
5200	16	21	27	32	35	38	38	39	41	44
5210	44	45	53	50	50	50	50	50	50	50
5220	50	51	50	48	48	48	49	49	48	46
5230	44	42	41	40	39	38	38	38	37	36
5240	35	34	33	30	27	27	24	21	18	17
5250	14	9	5	1	-1	-6	-10	-11	-11	-11
5260	-13	-17	-21	-24	-29	-31	-34	-37	-38	-39
5270	-49	-47	-41	-43	-43	-43	-43	-43	-43	-41
5280	-60	-62	-60	-63	-63	-65	-65	-65	-65	-65
5290	-45	-44	-40	-37	-35	-34	-31	-30	-28	-26
5300	-26	-24	-24	-24	-22	-20	-18	-17	-17	-16
5310	-14	-13	-12	-10	-6	-4	-1	0	1	2
5320	4	7	9	11	14	14	14	14	16	21
5330	23	26	26	27	32	33	33	33	31	31
5340	41	45	46	47	47	47	47	47	47	50

TO BE CONTINUED

CONTINUED(S-1592 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5350	52	52	52	52	52	52	53	55	57	58
5360	58	59	59	59	59	58	57	57	56	54
5370	53	51	50	47	43	40	39	35	29	23
5380	21	20	16	12	8	5	4	1	-4	-8
5390	-12	-14	-14	-16	-22	-26	-28	-30	-31	-33
5400	-36	-38	-38	-38	-38	-38	-36	-39	-40	-40
5410	-40	-41	-42	-43	-43	-43	-43	-43	-43	-43
5420	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45
5430	-41	-38	-37	-37	-38	-38	-38	-38	-38	-38
5440	-40	-37	-35	-34	-33	-33	-33	-33	-33	-33
5450	-23	-23	-23	-23	-23	-23	-21	-21	-21	-21
5460	-24	-24	-24	-23	-23	-23	-17	-17	-16	-15
5470	-13	-7	-7	-5	-5	-5	1	1	2	2
5480	5	10	9	10	15	18	21	22	26	26
5490	27	32	33	36	39	44	45	48	50	51
5500	54	56	63	68	63	64	64	64	64	64
5510	63	63	65	63	62	63	63	59	54	53
5520	51	50	49	46	42	37	36	34	30	23
5530	21	22	22	15	12	10	9	9	9	7
5540	6	5	4	3	3	0	-6	-10	-11	-12
5550	-42	-14	-17	-23	-25	-27	-29	-32	-33	-33
5560	-31	-31	-31	-31	-31	-30	-28	-28	-28	-26
5570	-33	-33	-33	-33	-33	-33	-28	-28	-28	-24
5580	-29	-32	-32	-31	-27	-27	-25	-20	-18	-18
5590	-14	-14	-20	-20	-21	-21	-21	-21	-21	-20
5600	-18	-17	-15	-12	-10	-9	-7	-3	0	0
5610	0	-1	-1	-1	0	2	4	6	6	6
5620	7	6	5	4	5	2	1	1	0	0
5630	-1	-1	0	2	3	3	3	5	7	9
5640	11	12	13	13	15	17	19	21	22	23
5650	24	24	26	31	32	30	29	29	29	29
5660	28	27	27	27	27	26	24	24	24	24
5670	24	24	24	22	19	14	16	16	16	14
5680	11	8	5	1	0	0	-1	-2	-2	-3
5690	-4	-5	-5	-7	-13	-15	-16	-26	-28	-28
5700	-30	-30	-30	-30	-34	-38	-38	-38	-39	-40
5710	-44	-46	-46	-46	-43	-42	-38	-38	-39	-38
5720	-37	-35	-32	-31	-30	-26	-17	-15	-16	-17
5730	-17	-12	-12	-9	-7	-5	-4	-2	0	0
5740	1	3	6	3	2	1	1	3	3	3
5750	7	6	4	4	4	6	9	9	9	11
5760	10	8	8	8	8	0	-2	-3	-6	-9
5770	3	2	1	1	0	-2	-2	-3	-6	-9
5780	-10	-13	-13	-13	-12	-11	-11	-10	-9	-7
5790	-5	-5	-7	-8	-9	-9	-6	-5	-4	-4
5800	0	1	1	2	5	6	8	8	8	12
5810	11	12	13	13	13	13	14	14	17	18
5820	18	19	26	27	28	31	35	35	37	35
5830	37	37	38	37	37	38	35	34	32	31
5840	31	31	31	30	29	28	26	24	20	17
5850	14	11	8	7	6	6	1	0	-4	-4
5860	-10	-12	-14	-17	-20	-20	-20	-22	-26	-30
5870	-32	-32	-33	-37	-40	-40	-41	-41	-42	-44
5880	-47	-48	-47	-45	-40	-36	-34	-34	-36	-35

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1592 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6430	-17	-17	-19	-19	-15	-15	-15	-15	-12	-10
6440	-10	-9	-6	-4	-1	0	0	0	3	6
6450	11	11	11	12	16	18	19	23	24	24
6460	25	25	26	29	31	33	32	33	36	37
6470	38	39	39	40	39	37	38	39	39	39
6480	39	38	38	38	37	35	34	32	32	32
6490	32	33	33	33	33	33	31	29	29	26
6500	25	25	25	25	25	22	19	17	14	14
6510	11	11	10	9	0	0	0	0	3	1
6520	0	0	0	0	-4	-4	-2	-2	-2	-2
6530	-4	-4	-6	-4	-4	-4	-5	-5	-1	-1
6540	-1	0	0	-2	-2	-2	-2	-3	-3	-3
6550	0	2	3	5	7	8	10	12	11	10
6560	10	10	11	11	12	12	11	10	10	10
6570	11	8	6	5	6	6	4	4	-3	-3
6580	-3	-1	-1	-2	-2	-4	-4	-10	-17	-20
6590	-22	-22	-22	-27	-30	-32	-32	-31	-38	-40
6600	-41	-44	-47	-47	-48	-50	-51	-52	-52	-52
6610	-52	-51	-50	-48	-47	-45	-44	-45	-45	-43
6620	-41	-39	-38	-38	-37	-36	-34	-32	-30	-28
6630	-26	-26	-23	-20	-16	-15	-13	-11	-10	-10
6640	-7	-6	-6	-6	-3	-1	1	5	9	7
6650	7	8	13	15	17	18	21	22	23	24
6660	26	27	29	30	31	31	31	31	31	31
6670	35	36	37	37	37	38	38	38	38	36
6680	32	38	38	39	44	38	38	39	40	41
6690	41	41	41	41	41	39	37	36	32	32
6700	32	32	32	31	28	27	26	26	26	25
6710	24	22	19	19	19	17	15	12	8	7
6720	7	5	5	3	2	2	0	-1	-3	-5
6730	-7	-8	-9	-10	-11	-12	-15	-17	-17	-19
6740	-20	-21	-22	-22	-22	-23	-24	-26	-28	-29
6750	-28	-28	-27	-26	-25	-30	-31	-33	-35	-35
6760	-36	-36	-37	-38	-39	-40	-40	-41	-41	-41
6770	-41	-42	-42	-43	-44	-45	-45	-45	-44	-44
6780	-42	-40	-39	-38	-35	-35	-35	-32	-30	-30
6790	-26	-25	-23	-21	-20	-18	-16	-11	-16	-11
6800	-9	-8	-7	-5	-4	-2	-1	-1	0	5
6810	4	5	5	5	7	8	10	10	10	11
6820	15	14	15	17	17	17	17	18	19	19
6830	21	21	22	22	22	21	21	21	20	20
6840	18	17	20	20	20	20	19	17	16	12
6850	11	11	11	11	14	17	16	14	11	11
6860	11	10	10	10	10	10	10	10	11	13
6870	15	15	15	15	12	10	10	10	10	10
6880	8	7	7	7	7	7	7	7	7	7
6890	7	6	6	6	6	6	6	6	6	6
6900	8	9	12	13	13	14	17	19	22	24
6910	25	25	25	25	25	25	25	25	25	25
6920	25	22	21	20	17	16	13	12	12	12
6930	12	12	12	12	7	4	2	1	0	0
6940	-1	-1	-5	-7	-10	-14	-16	-19	-21	-22
6950	-22	-22	-22	-24	-26	-28	-28	-28	-28	-28
6960	-28	-28	-24	-24	-24	-24	-24	-26	-25	-23

TO BE CONTINUED

CONTINUED(S-1592 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6970	-21	-21	-21	-21	-20	-19	-19	-18	-18	-18
6980	-17	-17	-16	-13	-12	-12	-12	-11	-11	-8
6990	-7	-6	-5	-5	0	2	2	2	2	2
7000	3	4	4	4	4	4	5	5	5	5
7010	5	5	4	4	4	4	4	4	4	4
7020	6	6	6	6	6	5	5	4	4	3
7030	3	3	3	3	3	3	3	3	3	3
7040	5	5	0	-4	-4	-4	-7	-7	-7	-5
7050	-17	-19	-19	-19	-19	-19	-19	-19	-19	-19
7060	-20	-21	-20	-20	-20	-19	-18	-17	-17	-17
7070	-17	-16	-13	-12	-10	-9	-8	-6	-6	0
7080	3	5	5	11	11	12	14	15	18	20
7090	22	22	22	22	25	26	27	29	32	35
7100	37	40	41	43	44	46	46	46	48	48
7110	48	48	50	52	52	52	53	54	50	51
7120	55	55	55	55	55	55	55	55	53	51
7130	48	46	43	40	37	35	34	34	33	27
7140	23	15	16	16	15	13	12	12	9	7
7150	4	0	0	0	-3	-5	-6	-6	-8	-9
7160	-9	-9	-12	-17	-19	-19	-23	-23	-21	-20
7170	-20	-24	-25	-25	-25	-25	-25	-24	-25	-20
7180	-23	-22	-20	-19	-18	-17	-17	-17	-17	-16
7190	-12	-8	-8	-8	-9	-9	-7	-7	-6	-6
7200	-6	-7	-7	-7	-7	-7	-7	-7	-7	-6
7210	-6	-7	-7	-8	-11	-11	-13	-14	-14	-14
7220	-14	-15	-15	-15	-17	-16	-18	-19	-20	-21
7230	-20	-19	-18	-17	-17	-15	-13	-12	-11	-11
7240	-10	-9	-9	-9	-9	-8	-8	-7	-6	-4
7250	-3	-3	-3	-2	-2	-1	-1	-1	-1	8
7260	8	9	9	10	10	10	10	10	10	10
7270	10	9	8	7	8	9	9	9	9	9
7280	8	8	8	8	8	7	7	7	7	7
7290	2	-1	2	0	0	0	0	0	0	0
7300	-6	-6	-6	-6	-5	-6	-6	-7	-8	-5
7310	-10	-10	-10	-10	-11	-11	-12	-12	-12	-11
7320	-9	-9	-9	-9	-10	-10	-10	-10	-10	-10
7330	-8	-7	-7	-7	-7	-7	-4	-2	-1	-1
7340	0	0	0	0	0	0	0	1	2	2
7350	2	4	7	9	9	9	8	8	8	9
7360	10	10	10	11	11	11	11	11	11	10
7370	9	10	10	10	11	13	14	14	15	16
7380	16	16	16	16	16	16	16	16	16	17
7390	17	17	17	17	15	15	11	12	11	10
7400	17	5	5	6	6	6	4	4	4	6
7410	6	6	5	5	4	4	4	4	4	0
7420	6	6	5	5	4	4	4	4	4	0
7430	-4	-6	-7	-7	-7	-7	-7	-7	-7	-4
7450	-4	-6	-6	-6	-6	-6	-6	-6	-6	-4
7460	-13	-14	-14	-14	-13	-13	-13	-13	-13	-13
7470	-8	-8	-7	-7	-7	-5	-5	-5	-5	-4
7480	-3	-2	0	2	3	3	3	3	4	6
7490	12	14	15	15	15	15	15	15	10	10
7500	2	17	15	14	16	16	16	16	18	18

TO BE CONTINUED

CONTINUED(S-S-1592 DOWN)										CONTINUED(S-S-1592 DOWN)									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7510	15	15	11	10	9	12	12	12	11	8050	17	17	14	13	11	8	2	1	0
7520	10	8	6	11	11	11	12	13	13	8060	0	-1	-5	-9	-8	-9	-10	-9	0
7530	13	9	7	7	7	8	3	3	1	8070	-10	-11	-13	-12	-11	-10	-9	-9	-12
7540	1	1	1	0	-2	-3	-3	-4	-4	8080	-18	-22	-21	-20	-18	-19	-21	-22	-22
7550	-10	-10	-19	-4	-24	-23	-22	-22	-4	8090	-22	-22	-23	-23	-20	-20	-20	-20	-20
7560	-22	-22	-23	-23	-24	-25	-26	-28	-28	8100	-30	-29	-26	-26	-20	-20	-20	-20	-20
7570	-28	-27	-26	-25	-24	-24	-25	-25	-22	8110	-24	-24	-24	-24	-19	-18	-18	-18	-16
7580	-21	-20	-18	-15	-12	-13	-13	-11	-11	8120	-14	-13	-12	-11	-10	-10	-9	-8	-8
7590	-11	-11	-8	-4	-2	0	5	6	6	8130	-7	-7	-7	-7	0	0	2	2	2
7600	6	6	9	9	9	10	11	14	14	8140	2	2	2	2	2	2	2	2	2
7610	16	16	16	16	16	16	16	15	15	8150	2	2	4	4	4	5	5	7	14
7620	15	15	14	13	12	11	8	6	4	8160	2	3	4	4	4	4	5	7	14
7630	4	3	2	2	2	2	2	1	0	8170	17	7	7	7	7	8	10	11	11
7640	-1	0	1	2	2	0	0	0	-3	8180	11	11	11	11	10	8	7	6	5
7650	-8	-12	-15	-15	-14	-14	-14	-11	-11	8190	4	4	4	4	4	5	6	3	3
7660	-20	-20	-23	-24	-24	-23	-20	-21	-21	8200	3	3	3	3	3	3	3	2	1
7670	-21	-22	-23	-24	-24	-26	-26	-28	-28	8210	1	1	2	2	2	3	3	3	4
7680	-35	-35	-35	-33	-31	-31	-32	-32	-32	8220	4	2	1	2	3	3	4	4	4
7690	-32	-32	-32	-32	-31	-31	-31	-31	-31	8230	4	4	6	8	10	11	11	11	11
7700	-31	-30	-29	-28	-27	-27	-27	-26	-24	8240	11	11	11	11	11	11	11	11	11
7710	-22	-21	-20	-19	-18	-18	-18	-16	-16	8250	12	12	12	12	12	12	11	10	10
7720	-14	-11	-10	-10	-8	-5	-2	0	3	8260	10	8	7	6	6	7	7	7	7
7730	5	10	14	16	17	18	20	22	22	8270	7	7	8	8	8	8	8	9	9
7740	22	24	25	25	25	26	30	32	32	8280	9	9	9	9	10	10	10	12	12
7750	32	34	35	35	35	36	37	37	36	8290	12	12	12	11	9	6	6	7	7
7760	35	35	36	36	36	35	29	27	26	8300	7	6	4	4	4	3	3	2	1
7770	26	26	26	26	23	19	19	17	15	8310	1	1	1	0	0	0	0	0	0
7780	12	9	7	5	5	5	5	-1	-14	8320	-10	-14	-19	-19	-22	-22	-22	-22	-20
7790	0	2	3	3	3	5	5	-7	-14	8330	-18	-18	-19	-19	-22	-22	-22	-22	-22
7800	-15	-14	-14	-14	-14	-17	-22	-22	-22	8340	-27	-26	-25	-25	-26	-26	-27	-28	-28
7810	-23	-20	-21	-21	-21	-19	-19	-22	-22	8350	-22	-22	-22	-22	-22	-21	-21	-21	-18
7820	-22	-21	-21	-21	-21	-21	-21	-20	-19	8360	-17	-17	-17	-17	-11	-11	-11	-8	-7
7830	-19	-17	-17	-17	-17	-17	-17	-17	-17	8370	-7	-7	-7	-6	-3	-3	-3	-1	-1
7840	-17	-17	-15	-14	-14	-14	-13	-13	-13	8380	-5	4	5	5	3	4	4	2	3
7850	-13	-12	-12	-11	-11	-10	-9	-9	-9	8390	6	3	3	2	2	2	2	2	3
7860	-9	-9	-9	-9	-9	-8	-8	-7	-5	8400	18	18	18	18	18	18	18	18	18
7870	-2	0	1	3	3	5	6	4	2	8410	18	19	20	22	24	24	24	24	24
7880	1	2	3	3	3	4	4	4	4	8420	24	21	21	21	22	22	19	19	24
7890	4	4	4	4	4	4	4	3	3	8430	25	25	26	30	30	28	24	23	22
7900	0	-1	-4	-4	-4	-4	-3	-3	-3	8440	22	22	22	22	22	20	18	18	18
7910	-3	-3	-3	-3	-3	-3	-3	-3	-3	8450	18	16	13	13	12	10	10	10	10
7920	-3	-2	-2	-2	-2	-2	-2	-2	-2	8460	9	8	7	7	7	5	1	0	-5
7930	-7	-7	-7	-7	-7	-7	-6	-6	-6	8470	-8	-11	-10	-10	-12	-16	-17	-17	-17
7940	-6	-6	-6	-6	-6	-6	-6	-6	-6	8480	-17	-17	-17	-17	-17	-17	-17	-18	-19
7950	-4	-4	-4	-4	-4	-4	-4	-3	-3	8490	-20	-25	-26	-24	-24	-23	-23	-23	-23
7960	-3	-3	-3	-3	-3	-3	-3	-3	-3	8500	-23	-24	-24	-24	-24	-24	-22	-22	-21
7970	-3	0	1	1	1	2	2	2	2	8510	-19	-19	-21	-21	-21	-21	-18	-17	-16
7980	10	10	11	14	15	15	15	13	12	8520	-16	-16	-14	-13	-12	-11	-9	-9	-7
7990	15	15	15	17	20	22	24	24	27	8530	-7	-7	-5	-4	-4	-4	-4	-4	-3
8000	26	25	25	25	25	25	27	31	34	8540	0	1	1	1	1	1	4	5	6
8010	35	36	38	38	38	39	39	39	39	8550	8	10	12	13	13	13	13	13	13
8020	39	38	33	33	26	28	33	35	34	8560	12	9	8	10	13	13	14	15	16
8030	33	30	29	29	26	24	22	20	16	8570	16	17	19	21	21	23	24	27	28
8040	17	15	20	20	20	17	17	18	18	8580	28	28	28	27	24	24	25	25	25

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1592 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8590	25	25	26	28	30	31	28	27	28	28
8600	28	28	28	28	28	27	25	24	21	21
8610	20	17	17	18	19	20	16	16	16	16
8620	17	17	15	15	15	13	13	14	15	15
8630	15	13	13	13	13	13	13	13	8	8
8640	8	8	8	10	8	8	8	8	8	7
8650	7	7	6	8	8	7	7	6	6	6
8660	6	4	4	5	5	4	3	3	1	-1
8670	-1	0	0	0	0	0	0	0	0	0
8680	0	0	0	-1	-1	-1	-2	-2	-2	-2
8690	-2	-2	-2	-3	-3	-3	-6	-8	-9	-9
8700	-8	-7	-7	-7	-7	-7	-7	-8	-8	-8
8710	-8	-9	-10	-13	-15	-16	-16	-15	-15	-14
8720	-13	-12	-12	-12	-11	-10	-10	-9	-7	-7
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8740	-5	0	0	-1	0	2	2	2	2	3
8750	4	5	6	9	10	10	10	10	12	12
8760	12	13	13	17	20	22	23	23	23	19
8770	14	12	12	12	13	14	17	18	18	18
8780	18	17	15	12	12	12	12	14	13	14
8790	14	14	12	10	9	9	9	9	9	9
8800	9	7	4	4	4	4	4	2	0	0
8810	0	0	0	0	-2	-3	-4	-4	-4	-5
8820	-5	-5	-7	-9	-9	-9	-9	-9	-9	-9
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8840	-10	-11	-12	-12	-12	-12	-12	-10	-9	-8
8850	-7	-7	-7	-7	-7	-7	-7	-7	-4	-3
8860	-2	0	0	1	2	3	3	3	4	4
8870	4	4	4	4	5	5	6	6	7	7
8880	7	7	7	7	7	10	12	15	16	17
8890	19	20	21	21	21	21	21	21	22	24
8900	24	24	24	24	24	24	24	24	24	24
8910	24	25	25	25	26	26	26	26	26	26
8920	26	26	26	26	24	24	24	24	24	24
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8940	13	13	13	13	13	13	13	13	13	13

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RECORD = M-639 COMPONENT = NOSW STATION = HAKODATE-M
 DATE AND TIME = 1983-06-21-15-26 TOTAL NUMBER OF DATA = 8850
 SAMPLING INTERVAL = 0.4010 (SEC) SCAL = 0.10000
 SIGNAL = GR. ACC.
 CONNECTION POINT IN DATA NUMBER = 1774, 3548, 5325, 7103, 8850

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10	63	53	27	9	-3	-11	-14	-12	-17	-17
20	-24	-24	-17	-1	14	35	41	33	33	33
30	8	-27	-49	-57	-56	-57	-45	-26	-5	-5
40	-4	-26	-50	-54	-39	-17	25	47	61	50
50	4	-15	-13	-10	5	7	-8	-26	-41	-1
60	-35	-37	-51	-38	-55	-65	-66	-53	-30	0
70	40	72	72	73	62	22	-2	0	14	54
80	-3	-2	-3	-1	-6	-14	-12	0	14	18
90	45	7	-7	-30	-34	-49	-13	9	18	18
100	19	18	27	40	39	31	21	18	19	18
110	32	51	42	31	6	-31	-61	-68	-67	-68
120	-66	-70	-77	-83	-90	-98	-101	-97	-77	-86
130	27	40	40	41	32	16	-12	-43	-56	-65
140	-7	-27	40	51	51	51	52	56	36	36
150	14	-14	-41	-59	-69	-66	-69	-55	-45	-38
160	-34	-73	73	73	66	52	31	7	-12	73
170	73	-57	-58	-57	-50	-26	6	34	51	70
180	-35	-57	73	70	50	28	18	19	9	-3
190	73	73	73	70	50	28	18	19	9	-3
200	-3	5	6	-4	-15	-25	-24	-23	-30	1
210	-32	-12	-1	-3	-2	-2	-2	-2	20	20
220	9	-3	-3	-11	-42	-45	-49	-87	-99	-83
230	-77	-55	-34	-12	2	8	2	-9	-15	-23
240	-39	-36	-9	20	29	29	29	29	29	29
250	30	26	12	0	3	30	63	80	83	64
260	-4	-13	-13	-12	-12	-13	-6	23	40	40
270	19	-13	-12	-19	-13	-13	-6	23	40	40
280	40	35	26	13	-5	-15	-31	-49	-57	-76
290	-93	-11	-145	-151	-128	-104	-71	-43	-28	-13
300	-3	-2	-2	-3	11	38	34	23	8	-2
310	-2	-3	-5	-6	7	8	3	27	-17	-36
320	-34	-64	-69	-37	-3	9	33	39	41	39
330	31	27	25	31	16	-11	-46	-74	-55	-34
340	-19	-8	-1	-10	-13	-12	-29	-51	-57	-40
350	-57	-37	-56	-46	-45	-36	-33	-53	-11	-1
360	29	44	53	64	75	82	87	90	77	58
370	35	30	25	18	6	-10	-23	-38	-52	-65
380	-77	-89	-101	-103	-68	-36	10	48	66	75
390	83	84	82	74	70	52	30	7	-3	-3
400	-19	-69	-67	-75	-83	-88	-79	-75	-54	-40
410	-14	3	19	32	40	40	40	40	40	40
420	-51	-56	-57	-56	-57	-53	-45	-16	0	-8
430	-4	-27	-33	-66	-67	-67	-67	-67	-67	-67
440	-27	-33	-66	-66	-67	-67	-67	-67	-67	-67
450	-5	5	8	8	5	-35	-70	-79	-77	101
460	131	105	78	44	5	-3	-70	-79	-77	101
470	-50	-38	-35	-31	-6	21	57	85	109	126
480	141	148	150	140	122	82	51	-5	-56	-56

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-639)

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1050	17	51	122	90	109	129	144	154	169	181
1060	179	187	179	142	113	77	51	23	-4	-23
1070	-58	-46	-46	-46	-46	-46	-46	-32	-15	1
1080	8	16	29	40	40	40	40	36	18	-3
1090	-19	-44	-65	-87	-107	-112	-109	-115	-122	-123
1100	-115	-100	-93	-88	-90	-88	-91	-100	-100	-100
1110	-100	-108	-112	-105	-97	-87	-69	-50	-46	-39
1120	-34	-35	-35	-35	-35	-35	-35	-35	-35	-35
1130	-34	-35	-23	-7	19	49	87	117	126	119
1140	115	116	116	116	109	96	78	72	73	73
1150	73	67	55	38	-14	-62	-78	-91	-101	-100
1160	-99	-84	-68	-52	-44	-23	2	9	22	29
1170	31	53	82	99	106	100	65	19	-2	2
1180	-2	-2	-2	-4	-16	-24	-24	-30	-40	-46
1190	-46	-46	-54	-58	-67	-68	-63	-50	-45	-46
1200	-45	-46	-45	-47	-34	-4	14	34	65	92
1210	112	117	126	127	127	125	108	83	64	43
1220	26	6	-4	-1	4	4	31	54	73	72
1230	73	72	73	69	58	45	29	10	-8	-18
1240	-40	-46	-46	-45	-53	-58	-55	-43	-23	3
1250	37	71	105	121	135	137	118	94	66	51
1260	33	19	-1	-16	-28	-35	-42	-52	-57	-68
1270	-51	-15	11	46	72	83	107	131	141	149
1280	148	127	90	59	32	-14	-12	-14	-14	-12
1290	-16	-30	-41	-46	-45	-46	-27	0	19	11
1300	-3	-20	-52	-74	-82	-90	-90	-70	-59	-57
1310	-49	-44	-37	-28	-8	8	19	30	40	40
1320	40	40	33	20	9	0	-12	-18	-19	0
1330	17	19	10	0	-3	-2	-2	-2	-2	-2
1340	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
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1360	-50	-29	-8	5	15	28	46	61	71	79
1370	94	88	74	64	52	39	30	22	13	0
1380	-14	-28	-43	-55	-61	-68	-67	-66	-58	-53
1390	-45	-33	-16	-5	-2	-3	-1	22	51	76
1400	84	94	78	72	73	72	73	72	74	67
1410	46	33	27	19	19	18	19	13	0	-10
1420	14	-13	-6	14	25	37	40	40	39	29
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1440	-26	-32	-32	-39	-110	-122	-122	-121	-112	-103
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1490	-81	-78	-71	-66	-77	-79	-77	-82	-80	-89
1500	-89	-97	-101	-92	-88	-90	-85	-74	-63	-55
1510	-42	-25	-10	-2	-3	-14	-30	-47	-65	-89
1520	-100	-107	-110	-99	-100	-83	-72	-61	-51	-40
1530	-19	2	20	33	46	61	87	115	145	165
1540	213	248	232	208	192	182	171	157	139	123
1550	109	104	106	99	94	95	94	87	30	26
1560	44	66	87	109	139	167	191	231	273	306

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-639 NDBW)										CONTINUED (M-639 NDBW)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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2120	96	99	107	110	118	122	130	137	146	156	2660	179	160	149	141	141	131	123	116	109	104
2130	167	187	218	246	232	205	167	129	99	68	2670	97	98	97	99	111	131	154	179	208	241
2140	39	18	3	-5	-15	-21	-21	-20	-27	-33	2680	265	271	254	234	215	192	174	166	155	140
2150	-8	-49	-51	-40	-27	-13	2	1	0	0	2690	131	130	131	130	131	129	140	145	154	154
2160	0	0	0	0	0	1	0	1	1	1	2700	163	162	164	159	150	125	92	65	37	23
2170	-19	-30	-32	-28	-14	0	-4	-23	-48	-70	2710	-1	-30	-60	-77	-72	-66	-34	1	38	57
2180	-66	-96	-107	-117	-128	-130	-123	-110	-93	-78	2720	45	24	2	-9	-26	-31	-33	-42	-46	-54
2190	-8	-42	-17	8	48	83	115	147	185	220	2730	-54	-64	-63	-65	-59	-51	-58	-25	8	9
2200	275	325	345	348	346	335	313	288	262	237	2740	98	94	84	77	70	63	56	51	42	33
2210	203	163	129	92	59	23	-50	-73	-135	-190	2750	28	22	22	22	22	22	11	-10	-21	-21
2220	-229	-248	-249	-244	-223	-200	-170	-138	-107	-74	2760	22	22	22	22	22	22	11	-10	-21	-21
2230	-40	-3	24	33	28	13	-10	-44	-80	-116	2770	-21	-21	-20	-23	-39	-67	60	82	100	112
2240	-184	-184	-221	-254	-285	-304	-313	-313	-299	-278	2780	-51	-29	-3	14	29	47	60	82	100	112
2250	-259	-224	-170	-125	-85	-54	-38	-63	-71	-75	2790	119	120	115	106	97	80	54	24	11	11
2260	-76	-73	-78	-55	3	0	0	-11	-19	-31	2800	10	-1	-16	-36	-58	-77	-92	-105	-117	-120
2270	-41	-42	-20	2	22	43	48	22	-5	-35	2810	129	-121	-106	-87	-70	-54	-39	-20	2	18
2280	-67	-92	-111	-122	-137	-154	-168	-182	-184	-183	2820	34	43	44	42	33	24	12	-2	-13	-26
2290	-184	-183	-184	-183	-188	-195	-194	-195	-194	-195	2830	-37	-43	-58	-67	-74	-77	85	-90	-97	-105
2300	-193	-183	-170	-156	-125	-88	-11	-1	45	57	2840	117	127	143	156	167	176	184	183	-183	-183
2310	42	9	-22	-56	-88	-120	-148	-173	-189	-200	2850	-183	-183	-183	-183	-183	-183	-184	-181	-169	-162
2320	-207	-199	-174	-154	-141	-140	-140	-160	-161	-134	2860	-162	-161	-153	-150	-155	-166	-179	-193	-203	-213
2330	-107	-78	-53	-29	0	23	52	74	95	115	2870	-219	-227	-227	-227	-227	-227	-227	-227	-227	-226
2340	121	107	87	69	34	0	-34	-66	-91	-97	2880	-178	-65	-55	-53	-44	-42	-42	-43	-53	-53
2350	-97	-82	-52	-11	31	74	103	126	142	140	2890	-53	-54	-46	-34	-20	-8	0	0	0	0
2360	143	135	131	118	59	-6	-13	-100	-144	-159	2900	0	1	10	16	31	44	59	79	96	113
2370	-163	-156	-145	-130	-103	-59	-22	8	27	37	2910	0	1	10	16	31	44	59	79	96	113
2380	60	99	158	210	235	239	239	237	217	197	2920	130	145	164	187	196	203	208	201	193	177
2390	172	161	167	182	204	231	263	289	310	332	2930	159	140	128	118	107	98	89	78	67	57
2400	368	357	358	358	356	346	329	315	294	262	2940	51	44	35	33	28	21	22	22	21	34
2410	231	198	155	121	82	33	43	44	44	43	2950	54	70	82	88	76	49	28	14	4	-6
2420	50	66	80	98	111	131	148	159	138	113	2960	-12	-21	-20	-27	-34	-41	-52	-66	-78	-87
2430	94	66	46	19	-9	-22	-8	7	27	56	2970	0	-95	-97	-96	-97	-93	-81	-71	-51	-32
2440	75	88	97	105	111	120	119	120	118	127	2980	0	13	28	40	60	86	114	145	163	178
2450	167	170	202	220	234	240	234	203	168	135	2990	186	195	195	196	184	168	153	142	136	129
2460	103	81	56	36	5	-28	-55	-83	-91	-64	3000	131	130	130	131	126	119	111	107	99	90
2470	-39	-11	13	41	66	95	123	152	177	203	3010	82	66	49	36	21	11	10	14	24	24
2480	223	229	226	209	183	158	132	100	71	43	3020	32	41	45	52	60	65	72	77	75	76
2490	12	-15	-39	-67	-93	-122	-153	-178	-205	-224	3030	76	76	81	92	97	101	109	108	108	116
2500	-242	-248	-245	-232	-226	-232	-245	-249	-248	-248	3040	120	119	129	130	140	141	141	140	131	133
2510	-240	-224	-208	-187	-162	-128	-94	-75	-76	-86	3050	114	100	85	66	44	24	2	-14	-34	-50
2520	-85	-96	-85	-86	-84	-94	-118	-139	-156	-181	3060	-63	-64	-69	-79	-86	-86	-86	-86	-86	-86
2530	-209	-230	-248	-267	-282	-281	-279	-263	-246	-233	3070	-77	-63	-53	-43	-27	29	43	43	43	43
2540	-221	-216	-215	-223	-227	-227	-221	-212	-198	-181	3080	31	13	0	-8	-14	-22	29	36	-43	-43
2550	-174	-166	-161	-162	-162	-161	-166	-174	-181	-184	3090	-41	-32	-29	-18	-5	21	22	22	22	12
2560	-183	-184	-174	-164	-150	-136	-130	-126	-118	-118	3100	2	-6	-11	-9	-18	-22	-30	-40	-63	-63
2570	-108	-103	-100	-94	-97	-96	-97	-104	-114	-120	3110	-80	-93	-105	-117	-128	-138	-147	-152	-151	-151
2580	-129	-136	-146	-150	-156	-162	-166	-173	-178	-180	3120	-151	-142	-133	-114	-84	-47	-19	-19	-19	-19
2590	-195	-205	-205	-205	-195	-173	-156	-134	-106	-81	3130	-42	-43	-42	-42	-43	-40	-29	-19	-7	0
2600	-33	-24	2	19	36	45	54	54	54	54	3140	0	0	6	12	10	12	8	0	-11	-26
2610	54	54	55	52	43	43	44	43	44	37	3150	-36	-50	-60	-60	-62	-62	-62	-62	-62	-62
2620	32	33	32	33	33	32	31	31	31	32	3160	-109	-101	-97	-92	-84	-87	-78	-74	-75	-75
2630	21	22	21	28	33	32	33	33	32	37	3170	-66	-63	-65	-61	-52	-43	-31	-21	-10	0
2640	59	90	121	136	155	174	203	233	267	305	3180	-7	19	32	42	53	64	82	97	111	122

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-639 N08W)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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3210	-64	-64	-55	-45	-31	-9	11	28	48	70
3220	90	108	126	138	142	140	142	136	123	95
3230	59	31	6	-16	-44	-72	-102	-147	-132	-132
3240	-139	-113	-88	-60	-31	2	48	86	119	153
3250	176	183	192	208	216	217	217	210	195	174
3260	152	133	116	94	78	51	30	9	-6	-20
3270	-33	-41	-43	-42	-50	-47	-34	-25	-12	4
3280	18	33	44	57	71	85	98	108	109	109
3290	118	120	119	120	116	102	88	73	59	30
3300	0	-14	-27	-31	-36	-43	-46	-64	-82	-104
3310	-116	-119	-118	-118	-118	-106	-92	-81	-67	-53
3320	-45	-35	-45	-31	-32	-31	-32	-32	-42	-42
3330	-42	-45	-53	-40	-71	-88	-104	-117	-132	-146
3340	-157	-167	-173	-158	-200	-205	-209	-217	-216	-213
3350	-197	-180	-171	-162	-162	-162	-162	-162	-162	-162
3360	-162	-162	-162	-162	-162	-162	-162	-162	-162	-162
3370	-199	-215	-233	-238	-247	-248	-255	-261	-257	-249
3380	-148	-241	-234	-226	-217	-204	-186	-160	-137	-115
3390	-95	-67	-53	-48	-41	-43	-42	-43	-41	-45
3400	-53	-55	-65	-63	-65	-63	-68	-75	-75	-75
3410	-75	-74	-66	-61	-53	-42	-31	-22	-2	21
3420	50	77	99	118	132	151	162	167	177	184
3430	184	185	184	188	197	206	206	206	207	207
3440	201	195	196	194	192	175	167	163	157	151
3450	153	152	145	135	122	105	90	73	58	47
3460	33	33	33	33	32	35	44	43	44	43
3470	44	52	56	65	68	78	86	88	84	90
3480	98	105	110	107	113	120	119	121	135	146
3490	160	172	173	179	186	182	169	158	147	136
3500	117	95	74	57	38	23	9	-3	-9	-15
3510	-22	-20	-21	-20	-21	-21	-21	-12	-6	3
3520	17	30	40	46	55	53	59	66	64	69
3530	86	87	85	68	55	49	43	34	30	30
3540	22	15	8	0	0	-2	-12	-6	2	6
3550	13	4	1	-8	-16	-25	-35	-43	-54	-65
3560	-78	-89	-99	-114	-128	-146	-158	-170	-183	-191
3570	-201	-203	-202	-206	-215	-223	-229	-236	-241	-189
3580	-173	-163	-167	-167	-171	-171	-176	-181	-189	-191
3590	-31	-23	-17	-18	-18	-28	-29	-29	-29	-29
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3610	-7	-7	-7	-7	-7	-7	-15	-19	-27	-50
3620	-38	-45	-51	-50	-51	-49	-38	-26	-13	-7
3630	0	-4	-1	-10	-18	-18	-18	-18	-18	-18
3640	-18	-18	-18	-18	-26	-35	-48	-52	-60	-69
3650	-75	-83	-82	-87	-95	-88	-79	-69	-56	-41
3660	-29	-29	-22	-9	15	39	60	80	89	96
3670	101	100	101	100	101	96	87	75	50	36
3680	35	35	35	35	36	47	57	57	58	49
3690	34	16	-16	-39	-39	-31	-23	-11	0	6
3700	15	26	38	49	58	57	57	57	58	56
3710	46	47	44	25	15	10	7	16	12	22
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TO BE CONTINUED

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CONTINUED (M-639)										CONTINUED (M-639)												
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
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5380	3	4	-1	-13	-30	-39	-45	-51	-50	-50	5920	35	36	36	36	36	36	37	30	24	24	
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6450	-50	-50	-50	-50	-50	-50	-50	-50	-50	6990	-30	-28	-18	0	3	11	16	23	
6460	-50	-50	-50	-49	-56	-62	-60	-61	-60	7000	28	29	15	14	15	13	20	26	
6470	-61	-61	-61	-60	-61	-60	-61	-50	-44	7010	24	26	25	35	32	24	26	25	
6480	-38	-39	-28	-69	-17	-10	-5	1	4	7020	25	26	35	36	36	46	47	47	
6490	3	4	3	4	3	4	2	9	14	7030	46	53	58	56	61	69	68	73	
6500	21	26	26	37	35	36	44	48	46	7040	80	79	80	79	70	51	38	28	
6510	55	58	57	58	58	58	58	58	58	7050	17	9	-4	-6	4	3	3	4	
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6550	90	90	90	97	110	112	111	119	123	7090	-6	-7	-6	-7	-16	-18	-16	-16	
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6740	34	37	36	36	36	36	36	36	35	7280	12	24	32	42	44	44	37	23	
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6760	25	25	15	14	14	14	15	14	15	7300	12	11	12	21	23	30	36	45	
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6950	-92	-94	-93	-93	-93	-93	-93	-93	-93	7490	-31	-31	-31	-31	-31	-31	-31	-31	
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TO BE CONTINUED

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7530	-9	-9	-9	-10	-9	-17	-21	-20	-20	-20	8070	1	1	1	1	1	1	1	1	1	1
7540	-20	-20	-21	-17	-18	-12	-13	-9	-9	-10	8080	2	12	11	12	11	12	11	11	0	1
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7560	23	32	34	33	36	44	44	44	44	44	8100	-9	-9	-9	-9	-10	-16	-21	-19	-21	-23
7570	44	44	44	44	44	44	44	44	44	44	8110	-15	-9	-9	-9	-6	8	13	21	23	33
7580	35	35	34	26	21	22	11	13	6	0	8120	22	22	22	22	26	34	33	33	33	33
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7610	0	1	1	1	1	1	1	1	1	0	8150	36	23	21	11	12	11	11	11	11	11
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7630	11	12	11	12	11	19	23	22	23	22	8170	1	-6	-10	-9	-10	-9	-10	-9	-10	-9
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7660	0	1	0	5	12	11	13	22	25	25	8200	44	44	44	44	44	44	44	44	44	19
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7680	1	0	2	2	11	11	12	11	17	23	8220	18	23	22	31	34	33	33	33	33	33
7690	23	22	22	22	22	22	22	22	22	25	8230	33	33	33	33	35	35	35	35	35	35
7700	20	11	12	4	0	1	0	1	0	1	8240	33	33	33	33	35	35	35	35	35	35
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7730	44	44	44	44	44	44	44	44	44	44	8270	11	12	11	12	10	0	-9	-9	-18	-20
7740	44	44	43	34	33	33	33	33	24	22	8280	-21	-31	-31	-31	-31	-31	-31	-31	-32	-24
7750	22	23	19	11	12	11	9	-2	-9	-9	8290	-19	-21	-17	-8	-10	-4	1	1	1	0
7760	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	8300	1	0	1	1	1	1	1	1	1	1
7770	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	8310	0	1	0	1	0	0	-9	-9	-9	-9
7780	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	8320	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
7790	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	8330	-9	-10	0	1	0	1	0	1	0	1
7800	-8	-14	-21	-19	-21	-19	-27	-32	-31	-31	8340	0	1	0	0	-5	-10	-9	-9	-9	-9
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7840	-53	-53	-53	-53	-53	-53	-53	-53	-53	-53	8380	-10	-5	2	0	1	0	1	0	1	1
7850	-53	-53	-53	-53	-53	-53	-52	-44	-35	-29	8390	4	1	0	1	0	1	0	1	1	1
7860	-21	-19	-9	-10	-6	1	0	0	-8	-10	8400	-9	-9	-9	-9	-10	-19	-21	-19	-23	-31
7870	-9	-10	-5	2	0	1	0	1	0	6	8410	-31	-31	-33	-42	-41	-43	-33	-52	-53	-52
7880	13	10	15	22	26	36	44	44	53	55	8420	-8	-64	-63	-64	-63	-64	-63	-64	-64	-64
7890	54	55	59	55	54	63	66	65	66	66	8430	-64	-64	-64	-64	-63	-64	-63	-64	-63	-64
7900	66	66	66	66	66	66	66	66	66	66	8440	-59	-52	-53	-52	-53	-52	-53	-52	-53	-52
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7920	66	66	66	66	66	66	66	66	66	66	8460	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33
7930	45	40	32	34	33	33	32	23	22	23	8470	-20	-30	-30	-31	-20	-21	-15	-18	-10	-9
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7970	-9	-12	-23	-30	-31	-31	-30	-34	-42	-42	8510	-66	-79	-69	-63	-63	-57	-54	-52	-54	-54
7980	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	8520	-60	-70	-69	-63	-63	-57	-54	-52	-54	-54
7990	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	8530	-4	-7	-43	-41	-38	-31	-28	-22	-23	-22
8000	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	8540	22	22	22	22	22	22	22	22	22	22
8010	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	8550	44	44	44	44	44	44	44	44	44	44
8020	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	8560	44	44	44	44	44	44	44	44	44	44
8030	-30	-29	-19	-21	-13	-9	-10	-6	1	0	8570	28	21	23	22	22	22	22	22	22	22
8040	1	0	7	13	11	12	8	0	1	0	8580	22	30	34	33	33	33	33	33	33	33

TO BE CONTINUED

TO BE CONTINUED

RECORD = M-639 COMPONENT = E08N STATION = HAKODATE-M
 DATE AND TIME = 1983-06-21-15-26 TOTAL NUMBER OF DATA = 8850
 SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 SIGNAL = GR. ACC.
 CONNECTION POINT IN DATA NUMBER = 1771, 3547, 5324, 7103, 8850,

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5610	1	1	1	1	1	1	1	1	1	1
5620	0	1	0	1	0	1	-1	-10	-9	-10
5630	-8	-17	-21	-20	-19	-27	-32	-31	-31	-31
5640	-31	-31	-31	-32	-26	-19	-21	-15	-9	0
5650	1	0	1	0	1	1	0	1	0	1
5660	-5	-10	-9	-10	-3	-16	-21	-20	-20	-21
5670	-30	-31	-31	-31	-31	-31	-31	-31	-31	-31
5680	-30	-37	-43	-41	-42	-42	-42	-42	-42	-42
5690	-42	-42	-42	-41	-45	-53	-52	-53	-53	-63
5700	-63	-64	-60	-51	-60	-64	-63	-64	-63	-64
5710	-63	-64	-63	-64	-63	-64	-62	-53	-30	-53
5720	-52	-53	-52	-54	-47	-42	-37	-30	-32	-30
5730	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31
5740	-39	-31	-31	-31	-31	-31	-20	-20	-20	-20
5750	-31	-31	-31	-31	-31	-29	-20	-20	-20	-20
5760	-20	-26	-35	-42	-42	-42	-42	-42	-42	-42
5770	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42
5780	-42	-42	-41	-43	-35	-30	-31	-31	-31	-31
5790	-39	-43	-41	-45	-53	-53	-52	-53	-50	-42
5800	-38	-30	-23	-13	-9	-9	-9	-9	-9	-9
5810	-9	-10	-8	-16	-21	-20	-20	-20	-21	-30
5820	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31
5830	-32	-30	-33	-22	3	-7	-17	-28	-32	-30
5840	-36	-43	-40	-49	-53	-61	-72	-80	-86	-85

END

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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10	-48	-54	-60	-58	-59	-59	-59	-59	-59	-57
20	-48	-54	-60	-58	-59	-59	-59	-59	-59	-49
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40	-42	-29	-15	0	0	0	0	0	0	-49
50	0	0	0	0	1	1	3	-6	-6	0
60	-40	-21	7	24	31	30	25	-1	-6	-39
70	-23	-16	0	20	32	60	70	48	43	-50
80	39	57	74	80	79	66	52	39	24	21
90	20	83	88	73	56	49	58	61	53	28
100	-1	-24	-9	-60	-58	-51	-6	-6	34	25
110	5	-9	-9	-9	-1	0	-1	-13	-18	-27
120	-25	-5	3	4	-11	-35	-52	-64	-55	-37
130	-7	11	23	-1	-23	-38	-52	-57	-20	17
140	36	57	70	69	71	57	30	4	15	-19
150	-5	25	49	60	49	-9	13	34	62	4
160	75	79	52	17	72	27	37	34	29	55
170	71	81	91	87	73	55	32	7	-2	-56
180	-67	-81	-90	-86	-63	-37	-21	-9	-10	7
190	-23	-55	-66	-57	-26	-3	2	-5	-12	-9
200	-20	-37	-53	-55	-19	1	-2	-9	-19	-38
210	-47	-57	-59	-59	-58	-60	-54	-49	-58	-56
220	-68	-81	-98	-99	-96	-87	-79	-79	-78	-84
230	-87	-65	-45	-38	-39	-39	-47	-47	-11	0
240	-20	-35	-49	-48	-47	-8	32	75	85	39
250	4	0	23	53	66	44	5	-39	-60	-86
260	-89	-89	-83	-31	-7	2	-1	6	18	32
270	40	66	51	42	40	39	48	60	60	57
280	49	50	49	50	48	37	30	30	30	27
290	12	-15	-38	-36	-56	-46	-29	-10	-9	-8
300	-11	-20	-36	-36	-18	-4	16	36	53	60
310	60	55	45	31	13	-7	-18	-19	0	35
320	60	86	100	100	97	89	77	57	41	31
330	26	18	4	-9	-33	-57	-69	-81	-66	-38
340	-32	-28	-30	-34	-53	-58	-45	-11	12	32
350	42	66	98	97	84	73	50	25	12	16
360	37	48	34	16	-5	-29	-47	-49	-50	-44
370	-44	-57	-57	-46	-29	-12	-9	-9	-13	-33
380	-53	-75	-61	-32	-8	11	40	65	97	84
390	78	59	39	22	1	-13	-35	-54	-59	-59
400	-53	-2	-35	-20	-6	1	12	25	38	49
410	37	12	-10	-61	-52	-57	-69	-48	-63	-63
420	-87	-99	-97	-79	-61	-35	5	26	40	23
430	5	-17	-39	-51	-28	8	36	51	37	16
440	-7	-26	-42	-58	-64	-75	-84	-90	-87	-91
450	-69	-31	-14	1	18	37	52	67	78	80
460	77	55	37	27	19	20	10	1	0	0
470	1	-5	-18	-35	-58	-69	-60	-47	-28	16
480	64	95	117	128	129	121	129	101	61	34

TO BE CONTINUED

CONTINUED (M-639)										CONTINUED (M-639)														
ED8N					ED8N					ED8N					ED8N									
(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	0	-11	-8	-17	-32	-53	-69	-65	-55	1030	-1	-1	-3	0	-1	-1	-3	-3	0	-5	-10	-17	-20	
500	-12	4	10	-10	-12	-32	-40	-14	16	1040	-18	-25	-30	-68	-30	-39	-39	-39	-68	-59	-58	-58	-59	
510	30	-82	12	-13	-29	-52	-73	-105	-118	1050	-59	-59	-59	-59	-59	-59	-59	-59	-59	-59	-28	-17	-1	
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530	129	117	101	85	63	40	22	20	29	1070	0	5	18	27	30	30	30	30	30	30	49	63	77	
540	35	16	-9	-20	-29	-26	-18	-19	-25	1080	70	64	58	63	76	91	82	66	66	66	82	46	6	
550	-49	-49	-46	-22	-5	0	0	2	26	1090	-56	-74	-79	-67	-48	-39	-27	-16	-2	-2	-39	-27	-16	
560	64	71	65	38	14	-16	-37	-51	-59	1100	9	32	55	70	86	90	88	77	58	88	90	88	77	
570	-51	-40	-39	-39	-37	-24	-1	24	30	1110	40	30	30	30	30	30	30	30	30	30	2	14	-19	
580	22	13	-6	-29	-36	-12	9	38	47	1120	-19	-19	-14	2	24	53	68	70	69	72	14	19	19	
590	44	9	-39	-66	-86	-99	-119	-137	-148	1130	80	85	98	116	128	129	113	97	91	97	97	91	76	
600	-159	-158	-169	-190	-202	-208	-206	-185	-152	1140	48	39	40	28	2	-17	-28	-30	-26	-16	-28	-30	-26	
610	-44	-5	1	0	0	0	0	0	21	1150	-10	-10	-10	5	45	45	84	125	150	148	150	148	150	
620	30	26	4	-10	-30	-56	-77	-98	-98	1160	141	121	102	73	53	31	15	1	1	1	15	1	1	
630	-109	-109	-108	-94	-72	-41	-11	9	32	1170	-39	-53	-84	-83	-83	-88	-89	-86	-75	-58	-89	-86	-75	
640	67	78	79	80	65	49	38	13	-11	1180	-42	-39	-32	-19	-4	2	18	39	51	45	-8	39	51	
650	-58	-70	-91	-109	-125	-127	-108	-83	-60	1190	30	15	-5	-20	-35	-46	-52	-59	-58	-66	-52	-59	-58	
660	-7	13	44	62	77	89	100	99	100	1200	-70	-68	-70	-64	-59	-55	-49	-44	-35	-24	-49	-44	-35	
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680	-31	-41	-33	-21	-11	-9	-9	-9	-9	1220	-10	0	-14	-61	-63	-69	-69	-77	-88	-86	-69	-77	-88	
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710	-9	-7	8	35	54	70	66	45	22	1250	19	10	0	0	0	0	0	0	0	0	19	19	20	
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820	-40	-31	-29	-28	-20	-12	4	20	20	1360	79	68	54	34	19	0	-9	-13	-20	-22	79	68	54	
830	30	30	29	42	65	80	91	80	56	1370	-36	-50	-63	-69	-58	-39	-30	-29	-29	-39	-36	-50	-63	
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850	61	68	70	68	53	38	29	30	24	1390	30	30	38	38	43	57	59	52	42	26	30	30	30	
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880	79	81	97	109	110	108	98	87	68	1420	62	70	69	57	42	30	18	2	0	0	62	70	69	
890	32	29	39	50	66	57	29	13	-8	1430	0	-7	-9	-11	-23	-38	-50	-48	-49	-46	0	-7	-9	
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910	7	-18	-17	-18	20	68	79	85	91	1450	-5	14	49	-45	-27	91	81	55	31	-2	7	-18	-17	
920	50	32	16	-4	-18	-19	-19	-19	-19	1460	-47	-69	-69	-69	-69	-69	-69	-69	-69	-69	-47	-69	-69	
930	-16	1	10	31	47	52	60	46	26	1470	68	77	85	91	98	102	106	78	37	11	68	77	85	
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950	34	8	-13	-20	-18	-20	-15	-9	-4	1490	35	27	20	9	0	-4	0	21	49	68	-20	-18	-20	
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970	-69	-49	-49	-56	-69	-89	-104	-121	-129	1510	39	23	-21	-37	-49	-49	-49	-49	-49	0	-69	-49	-49	
980	-128	-129	-116	-67	-37	-20	-4	21	47	1520	10	4	30	37	49	55	71	114	150	150	-128	-129	-116	
990	50	49	50	48	36	21	-1	-25	-46	1530	178	191	181	170	159	165	129	119	120	119	50	49	50	
1000	-69	-76	-79	-79	-70	-49	-33	-12	0	1540	120	114	109	103	90	58	37	30	30	30	-69	-76	-79	
1010	0	0	-6	-15	-19	-19	-16	-8	-10	1550	30	30	30	30	30	30	30	30	30	30	0	0	0	
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TO BE CONTINUED

TO BE CONTINUED

CONTINUED(M-639 E08H)

CONTINUED(M-639 E08H)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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1580	79	85	90	89	90	90	88	77	70	70
1590	80	58	-20	-14	-46	-74	-87	-89	-88	-89
1600	-88	-91	-99	-88	-99	-99	-98	-102	-109	-109
1610	-118	-118	-119	-119	-119	-119	-118	-118	-118	-118
1620	-105	-90	-62	-21	12	47	60	50	43	33
1630	23	7	-10	-27	-47	-59	-75	-89	-89	-89
1640	-84	-60	-37	-16	2	9	11	3	-22	-46
1650	-64	-79	-92	-99	-98	-89	-79	-58	-40	-18
1660	0	0	1	-5	-10	-9	-5	34	54	54
1670	75	97	117	131	147	163	178	196	210	208
1680	210	206	198	190	189	189	189	189	195	201
1690	186	162	143	123	107	92	76	64	46	28
1700	19	3	0	0	0	0	0	0	0	0
1710	0	-10	-21	-35	-40	-23	4	31	54	66
1720	71	61	60	52	49	48	36	15	-16	-49
1730	-86	-113	-145	-177	-218	-241	-224	-174	-141	-106
1740	-65	-34	0	33	60	91	116	135	141	131
1750	101	70	36	-13	-64	-113	-157	-194	-244	-248
1760	-257	-266	-268	-268	-261	-253	-243	-223	-195	-164
1770	-127	-115	-103	-83	-58	-33	-14	9	29	52
1780	76	97	112	127	140	143	143	134	114	98
1790	84	65	37	33	-68	-88	-136	-179	-211	-240
1800	-265	-281	-266	-242	-209	-175	-109	-10	33	64
1810	118	123	124	117	104	87	65	37	2	-24
1820	-38	-14	27	70	116	148	168	182	182	170
1830	143	112	75	25	-30	-91	-144	-188	-221	-238
1840	-203	-129	-102	-75	-65	-66	-64	-86	-12	61
1850	103	151	195	232	262	285	294	277	246	233
1860	229	208	162	101	27	-55	-144	-196	-219	-245
1870	-277	-305	-327	-352	-371	-378	-385	-374	-349	-318
1880	-273	-226	-197	-177	-158	-136	-112	-80	-54	9
1890	41	61	83	118	173	221	239	233	207	179
1900	154	153	133	160	162	130	91	51	13	-38
1910	-83	-95	-95	-95	-95	-95	-95	-94	-95	-91
1920	-76	-56	-42	-43	26	69	72	101	127	161
1930	196	226	253	283	307	329	365	387	392	370
1940	343	316	273	213	164	113	85	56	50	11
1950	-2	-15	-25	-25	-25	-25	-25	-25	-25	26
1960	57	101	133	112	98	80	59	54	51	40
1970	17	-9	-31	-58	-85	-107	-130	-145	-165	-163
1980	-165	-137	-89	-58	-20	10	45	68	136	211
1990	259	294	332	351	339	325	307	292	272	252
2000	227	198	165	104	39	-4	-51	-105	-160	-198
2010	-246	-302	-337	-369	-383	-393	-389	-381	-368	-352
2020	-338	-294	-237	-159	-97	-4	78	124	176	214
2030	242	260	288	312	338	324	293	247	190	101
2040	33	-40	-103	-162	-197	-197	-235	-246	-262	-294
2050	-303	-304	-277	-227	-190	-163	-67	9	87	159
2060	239	312	356	350	316	280	246	119	25	-63
2070	-102	-160	-199	-237	-255	-249	-211	-188	-79	-37
2080	5	54	97	139	166	163	125	95	65	34
2090	9	-11	-29	-42	-116	-152	-181	-197	-205	-205
2100	-200	-193	-196	-190	-185	-182	-196	-244	-304	-361

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-639 E08N)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2650	103	104	96	82	61	38	20	9	4	0
2660	-19	-37	-60	-73	-75	-74	-75	-65	-65	-58
2670	-54	-55	-55	-55	-55	-55	-55	-56	-64	-76
2680	-89	-99	-109	-121	-134	-132	-123	-131	-134	-140
2690	-161	-176	-192	-198	-210	-214	-221	-225	-224	-224
2700	-229	-243	-268	-287	-301	-312	-324	-339	-343	-347
2710	-355	-352	-333	-307	-293	-258	-226	-188	-147	-108
2720	-74	-31	6	54	108	141	157	167	173	173
2730	167	131	101	78	49	19	5	-55	-69	-109
2740	-158	-196	-239	-273	-307	-315	-313	-314	-313	-315
2750	-309	-303	-284	-280	-269	-256	-248	-244	-239	-229
2760	-219	-207	-197	-192	-182	-175	-168	-163	-165	-163
2770	-153	-134	-134	-134	-154	-155	-141	-123	-108	-92
2780	-78	-74	-75	-75	-75	-75	-74	-75	-67	-65
2790	-63	-44	-35	-35	-36	-48	-58	-71	-84	-84
2800	-97	-110	-129	-143	-158	-172	-174	-175	-164	-154
2810	-166	-136	-126	-124	-117	-114	-115	-114	-115	-111
2820	-96	-78	-53	-21	7	30	44	49	42	50
2830	65	83	96	103	103	104	117	124	123	123
2840	123	124	133	133	133	133	133	135	143	143
2850	143	143	143	151	161	163	163	163	177	177
2860	184	191	194	192	194	192	213	240	263	283
2870	298	298	269	222	179	147	120	107	97	92
2880	104	120	131	134	123	108	78	93	93	110
2890	128	139	134	163	163	153	148	137	125	116
2900	112	115	131	153	163	172	168	157	146	130
2910	116	108	95	94	88	83	80	72	74	81
2920	90	97	109	114	113	114	108	95	93	95
2930	108	120	136	156	184	205	223	232	233	232
2940	233	225	213	209	193	179	153	113	91	68
2950	48	33	9	-25	-44	-54	-55	-55	-49	-36
2960	-22	2	30	51	69	80	84	83	69	44
2970	13	-16	-45	-72	-75	-78	-87	-95	-111	-128
2980	-135	-135	-133	-119	-101	-86	-70	-55	-40	-36
2990	-29	-25	-19	-15	-10	-4	-6	-5	-5	-5
3000	-5	-5	-5	-10	-20	-24	-31	-35	-38	-45
3010	-67	-56	-54	-56	-51	-37	-18	9	41	86
3020	131	149	171	191	209	231	238	251	243	217
3030	194	146	95	74	52	18	-19	-47	-75	-98
3040	-121	-143	-165	-179	-191	-195	-194	-194	-194	-194
3050	-202	-205	-204	-205	-202	-194	-194	-185	-184	-184
3060	-185	-181	-174	-167	-159	-145	-125	-102	-83	-68
3070	-54	-42	-31	-22	-11	-5	-5	-5	-5	-5
3080	-7	-20	-42	-66	-92	-109	-118	-131	-153	-176
3090	-193	-208	-224	-243	-266	-288	-284	-265	-235	-189
3100	-148	-125	-92	-69	-49	-31	-19	-8	2	3
3110	8	14	16	29	43	58	64	72	88	99
3120	111	121	124	123	123	114	113	110	101	95
3130	90	83	81	68	56	44	24	7	8	22
3140	-32	-36	-35	-35	-35	-35	-27	-24	-26	-24
3150	-17	-8	-5	-5	-5	-5	-5	-5	-5	-5
3160	16	0	-21	-35	-44	-45	-45	-45	-45	-44
3170	-48	-56	-55	-55	-55	-55	-55	-55	-55	-55
3180	-67	-75	-76	-86	-81	-74	-75	-67	-64	-66

TO BE CONTINUED

CONTINUED (M-639 E08N)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3190	-73	-80	-86	-93	-96	-93	-102	-105	-110	-117
3200	-124	-125	-125	-121	-109	-91	-69	-52	-45	-45
3210	-35	-24	-10	3	5	13	14	14	12	0
3220	-12	-22	-25	-17	-3	14	30	48	51	33
3230	-230	-235	-235	-25	-62	-78	-98	-117	-131	-141
3240	-146	-154	-154	-155	-154	-155	-150	-143	-125	-125
3250	-115	-97	-81	-73	-62	-44	-24	-5	10	14
3260	13	13	15	14	7	-4	4	4	4	4
3270	4	3	-5	-5	-6	-14	-15	-15	-12	0
3280	1	-8	-14	-21	-26	-25	-18	-1	12	23
3290	23	24	20	22	-12	-15	-15	-15	-12	-12
3300	-5	0	12	24	38	50	58	64	63	73
3310	84	90	100	103	110	114	113	113	113	113
3320	113	113	114	108	94	80	61	45	32	16
3330	4	4	3	3	15	27	35	33	34	33
3340	34	34	33	34	33	36	43	47	58	67
3350	88	105	116	126	136	148	154	153	153	153
3360	154	141	122	112	102	94	86	78	65	52
3370	35	11	-9	-22	-26	-25	-25	-16	0	10
3380	23	38	49	59	66	80	97	117	130	139
3390	154	163	170	161	162	122	104	91	69	50
3400	25	-6	-7	-23	-34	-51	-56	-55	-55	-51
3410	-37	-15	2	15	25	37	48	58	64	63
3420	64	63	64	63	63	64	63	66	74	73
3430	80	85	82	90	91	82	70	58	49	34
3440	14	0	-12	-16	-14	-19	-27	-21	-15	-15
3450	-15	-15	-20	-30	-44	-60	-71	-91	-101	-118
3460	-142	-170	-193	-203	-216	-232	-255	-280	-302	-305
3470	-295	-270	-234	-194	-154	-125	-124	-109	-89	-70
3480	-55	-39	-24	-4	9	18	25	18	10	2
3490	-6	-16	-27	-45	-60	-65	-64	-65	-64	-71
3500	-85	-61	-115	-133	-150	-163	-165	-164	-164	-164
3510	-165	-158	-147	-139	-126	-108	-76	-53	-61	-70
3520	-80	-90	-96	-103	-110	-115	-114	-115	-115	-105
3530	-92	-81	-73	-65	-65	-54	-56	-54	-55	-45
3540	-46	-42	-31	-22	-22	-8	29	50	54	58
3550	69	82	84	84	78	67	57	45	28	8
3560	-11	-27	-41	-54	-54	-55	-54	-46	-44	-44
3570	-45	-44	-44	-44	-46	-40	-25	-12	-5	0
3580	5	5	1	-6	-4	-5	-5	-4	-6	0
3590	4	9	27	36	49	55	54	64	76	83
3600	96	105	111	115	106	103	104	103	108	115
3610	113	105	85	56	36	22	11	1	-6	-13
3620	-15	-8	0	17	32	42	48	54	55	63
3630	69	85	103	113	127	137	143	144	138	121
3640	105	104	104	104	104	104	104	104	104	104
3650	104	104	104	103	103	100	92	72	48	36
3660	24	14	6	0	-5	-6	-14	-18	-28	-41
3670	52	-37	-65	-64	-64	-64	-64	-65	-64	-68
3680	-78	-79	-89	-85	-72	-61	-52	-44	-52	-67
3690	-74	-86	-84	-87	-99	-104	-104	-104	-104	-104
3700	-104	-105	-100	-89	-80	-69	-64	-59	-61	-71
3710	-74	-79	-91	-94	-99	-105	-104	-105	-104	-105
3720	-102	-94	-93	-84	-85	-81	-74	-74	-75	-70

TO BE CONTINUED

CONTINUED (M-639)											CONTINUED (M-639)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3730	-63	-65	-62	-53	-38	-24	-12	1	5	5	4270	44	51	55	60	76	83	91	94	99	105
3740	14	15	14	15	14	15	4	-2	-3	4	4280	103	104	103	104	103	108	115	113	114	113
3750	7	15	16	13	19	26	30	5	4	5	4290	114	115	111	111	103	104	104	104	104	104
3760	4	12	16	13	13	24	34	34	44	44	4300	104	104	104	105	116	123	133	146	161	174
3770	52	53	63	89	101	98	82	74	73	85	4310	188	194	193	194	193	188	176	165	152	137
3780	101	104	112	126	137	150	159	164	154	154	4320	125	124	124	124	119	109	99	93	85	84
3790	154	154	155	154	153	154	145	133	125	112	4330	83	74	74	74	74	73	82	84	84	77
3800	104	103	95	92	84	76	-21	37	51	63	4340	75	64	68	75	74	68	65	50	53	52
3810	34	24	13	0	-8	-14	-21	-34	-34	-66	4350	54	54	54	54	54	54	54	74	74	75
3820	-80	-101	-104	-109	-117	-127	-134	-134	-134	-134	4360	57	68	77	85	74	74	34	34	32	22
3830	-126	-105	-101	-76	-62	-55	-52	-41	-34	-22	4370	70	62	50	43	36	34	34	34	32	22
3840	-15	-10	-3	2	9	15	13	2	4	4	4380	12	4	5	13	15	14	15	14	15	24
3850	4	4	4	4	4	4	4	4	4	4	4390	10	4	5	11	11	16	13	19	24	28
3860	-15	-20	-25	-25	-34	-35	-34	-35	-34	-34	4400	35	34	35	34	35	26	10	-4	-14	-21
3870	-35	-31	-17	-5	11	23	24	25	22	11	4410	-32	-41	-52	-64	-65	-78	-84	-94	-108	-114
3880	0	-10	-15	-14	-15	-14	-15	-13	-5	-5	4420	-103	-105	-104	-104	-104	-104	-104	-104	-104	-104
3890	-5	-5	-5	-5	-5	-4	-5	-4	-7	-15	4430	-104	-104	-104	-104	-104	-104	-104	-104	-104	-104
3900	-14	-15	-15	-14	-15	-14	-15	-12	-4	-6	4440	-104	-104	-104	-104	-104	-104	-104	-104	-104	-104
3910	-4	-5	-5	-5	-5	-4	-5	-4	-4	-5	4450	-104	-104	-104	-104	-104	-104	-104	-104	-104	-104
3920	-15	-14	-19	-22	-42	-45	-44	-45	-44	-45	4460	-104	-104	-104	-104	-104	-104	-104	-104	-104	-104
3930	-40	-34	-30	-21	-14	-15	-14	-19	-23	-24	4470	-125	-125	-134	-134	-134	-134	-134	-134	-134	-134
3940	-25	-24	-34	-39	-18	-8	-4	-4	-9	-17	4480	-145	-145	-144	-144	-144	-144	-144	-144	-144	-144
3950	-23	-32	-35	-44	-44	-50	-57	-64	-64	-64	4490	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144
3960	-64	-64	-64	-65	-64	-72	-74	-81	-86	-92	4500	-154	-154	-154	-154	-154	-154	-154	-154	-154	-154
3970	-101	-105	-104	-104	-104	-104	-104	-104	-105	-102	4510	-90	-84	-84	-84	-84	-84	-84	-84	-84	-84
3980	-94	-95	-92	-84	-85	-81	-73	-75	-74	-75	4520	-39	-34	-35	-34	-35	-34	-35	-34	-34	-34
3990	-66	-64	-60	-49	-40	-27	-17	-5	-5	-5	4530	-6	0	5	6	15	14	15	13	21	25
4000	-4	7	17	30	39	50	55	63	64	55	4540	32	40	46	53	65	82	93	109	121	130
4010	65	63	36	30	24	24	25	37	52	54	4550	147	162	167	177	190	201	214	225	234	249
4020	54	54	54	54	55	68	81	85	83	85	4560	261	275	285	294	286	283	282	273	264	252
4030	81	73	74	43	55	67	64	64	35	34	4570	254	245	243	243	243	240	228	223	223	224
4040	26	23	28	35	34	34	34	32	19	7	4580	220	213	216	213	212	204	203	194	193	194
4050	4	5	4	11	16	24	32	38	45	44	4590	193	194	193	194	186	184	177	173	171	163
4060	44	45	54	54	56	68	81	84	84	84	4600	163	154	154	153	153	145	143	144	143	144
4070	87	95	94	93	84	84	84	84	84	84	4610	143	143	138	133	127	123	113	96	81	65
4080	85	82	75	67	47	28	13	5	4	5	4620	41	23	24	24	24	25	23	16	9	4
4090	4	14	23	31	35	34	34	34	42	50	4630	5	4	5	13	14	20	28	38	45	44
4100	55	65	80	85	102	98	87	80	73	66	4640	44	45	54	54	54	54	54	54	54	54
4110	58	50	44	41	33	21	8	3	-3	-6	4650	54	54	62	65	64	64	53	41	34	34
4120	2	13	25	34	40	45	44	44	44	44	4660	26	23	25	18	14	12	2	-4	-5	-4
4130	44	44	45	40	31	24	24	24	16	13	4670	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
4140	-21	-46	-63	-74	-74	-74	-75	-70	-64	-58	4680	-15	-15	-15	-15	-15	-15	-15	-14	-15	-14
4150	-53	-56	-48	-44	-37	-33	-23	-11	-5	0	4690	-15	-14	-23	-24	-30	-36	-34	-35	-33	-39
4160	5	4	5	4	3	-13	-24	-29	-39	-45	4700	-65	-64	-65	-64	-68	-59	-65	-64	-64	-64
4170	-62	-79	-99	-111	-122	-134	-143	-144	-144	-144	4710	-64	-64	-71	-80	-88	-88	-94	-94	-94	-94
4180	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	4720	-94	-94	-94	-94	-94	-94	-94	-94	-94	-94
4190	-144	-144	-144	-144	-144	-144	-144	-144	-144	-144	4730	-94	-94	-94	-94	-94	-94	-94	-94	-94	-94
4200	-164	-164	-164	-164	-164	-163	-165	-162	-162	-132	4740	-114	-120	-131	-136	-144	-144	-144	-144	-144	-144
4210	-100	-100	-106	-96	-92	-81	-74	-66	-60	-53	4750	-144	-143	-145	-136	-134	-127	-124	-120	-113	-113
4220	-50	-44	-45	-44	-45	-58	-65	-62	-54	-44	4760	-103	-105	-96	-94	-94	-94	-94	-94	-93	-99
4230	-55	-54	-61	-65	-63	-66	-74	-75	-69	-63	4770	-105	-104	-104	-104	-104	-104	-104	-104	-104	-104
4240	-65	-63	-56	-60	-64	-66	-74	-8	-4	-4	4780	-125	-124	-124	-124	-124	-124	-124	-124	-124	-101
4250	-4	-5	-5	-5	-5	-5	-5	-4	-11	-19	4790	-93	-87	-78	-73	-65	-63	-55	-54	-54	-54
4260	-27	-34	-34	-35	-27	-22	-4	10	24	40	4800	-56	-64	-67	-78	-86	-94	-94	-94	-94	-94

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(M-639 EORN)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4810	-94	-94	-94	-94	-94	-94	-95	-88	-83	-77
4820	-71	-64	-65	-57	-54	-55	-54	-58	-69	-75
4830	-74	-75	-74	-75	-69	-64	-64	-65	-57	-54
4840	-55	-53	-65	-64	-64	-64	-64	-65	-64	-65
4850	-59	-50	-50	-45	-44	-44	-45	-44	-45	-44
4860	-44	-44	-44	-45	-44	-44	-44	-45	-55	-56
4870	-65	-64	-64	-64	-64	-64	-64	-64	-64	-55
4880	-54	-54	-54	-54	-46	-44	-44	-45	-44	-45
4890	-44	-45	-42	-34	-35	-34	-34	-41	-44	-44
4900	-65	-65	-44	-45	-50	-55	-55	-61	-65	-64
4910	-63	-54	-55	-54	-54	-54	-54	-42	-26	-24
4920	-24	-25	-18	-7	-4	-6	1	5	3	7
4930	19	30	39	53	53	59	64	68	84	84
4940	84	84	84	84	84	91	97	106	116	124
4950	124	124	124	124	132	134	133	139	149	159
4960	172	185	196	203	212	213	215	223	223	223
4970	233	226	223	224	218	213	206	192	177	163
4980	110	142	131	111	105	104	104	104	103	104
4990	103	103	99	94	88	83	76	73	74	74
5000	74	74	74	74	74	74	73	78	85	83
5010	84	84	92	107	118	135	155	169	183	193
5020	193	198	204	209	216	222	224	223	223	223
5030	224	224	224	216	213	212	203	196	190	181
5040	169	164	161	154	163	170	182	192	195	203
5050	203	204	202	193	183	173	164	159	150	144
5060	143	144	134	120	110	100	88	75	66	51
5070	36	20	7	0	-5	-4	-5	-5	-4	-11
5080	-27	-41	-45	-44	-45	-44	-44	-51	-57	-64
5090	-64	-64	-64	-64	-64	-64	-64	-65	-63	-67
5100	-74	-76	-76	-85	-93	-102	-108	-115	-125	-136
5110	-145	-142	-150	-154	-158	-163	-163	-168	-175	-173
5120	-180	-187	-197	-204	-203	-204	-203	-204	-203	-204
5130	-203	-210	-215	-213	-223	-223	-229	-234	-241	-244
5140	-243	-244	-243	-243	-243	-243	-243	-228	-222	-225
5150	-220	-214	-211	-203	-204	-203	-203	-195	-193	-194
5160	-193	-195	-187	-183	-184	-184	-181	-173	-175	-171
5170	-164	-164	-164	-163	-165	-157	-153	-154	-157	-165
5180	-163	-164	-164	-164	-164	-164	-164	-164	-164	-164
5190	-164	-164	-164	-164	-164	-164	-164	-164	-164	-164
5200	-164	-164	-164	-164	-164	-164	-164	-164	-164	-164
5210	-163	-155	-147	-137	-130	-119	-114	-104	-104	-104
5220	-104	-97	-94	-86	-84	-84	-84	-84	-84	-84
5230	-83	-74	-75	-68	-64	-63	-64	-64	-64	-64
5240	-65	-64	-65	-68	-54	-49	-38	-29	-16	-7
5250	-4	-6	0	5	13	17	24	26	33	35
5260	40	44	47	55	54	54	54	54	54	55
5270	53	62	76	84	84	89	100	105	103	109
5280	115	113	114	114	115	128	134	141	146	146
5290	152	159	164	171	174	173	175	183	187	187
5300	195	201	205	197	193	191	183	183	174	174
5310	173	174	173	173	182	184	183	191	194	193
5320	195	185	183	183	189	197	195	196	196	196
5330	196	188	178	172	160	156	154	145	138	136
5340	137	135	126	125	126	126	119	114	104	95

TO BE CONTINUED

CONTINUED(M-639 EORN)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5350	97	92	86	87	78	76	85	87	86	86
5360	87	96	96	96	96	96	88	86	85	75
5370	66	56	46	37	37	37	37	37	37	37
5380	37	31	20	15	7	6	8	1	-3	-2
5390	-2	-2	4	4	15	19	27	27	27	27
5400	27	27	27	27	20	12	0	-7	-12	-12
5410	-11	-16	-33	-30	-33	-32	-32	-32	-31	-36
5420	-42	-42	-42	-42	-42	-50	-52	-52	-52	-52
5430	-53	-52	-52	-61	-62	-71	-72	-72	-72	-72
5440	-72	-72	-72	-72	-72	-72	-72	-72	-72	-72
5450	-72	-72	-60	-82	-82	-82	-82	-82	-82	-91
5460	-96	-102	-101	-101	-103	-112	-111	-112	-132	-151
5470	-163	-179	-181	-181	-181	-181	-181	-181	-170	-164
5480	-153	-145	-140	-142	-158	-151	-132	-125	-117	-107
5490	-98	-84	-73	-71	-77	-83	-80	-85	-91	-94
5500	-102	-101	-102	-101	-102	-101	-103	-98	-91	-91
5510	-97	-102	-102	-111	-112	-111	-113	-103	-92	-83
5520	-91	-92	-91	-92	-92	-92	-92	-91	-92	-93
5530	-31	-73	-72	-72	-72	-68	-61	-60	-41	-33
5540	-27	-21	-22	-22	-22	-22	-22	-22	-22	-22
5550	-22	-21	-28	-33	-31	-39	-47	-53	-51	-54
5560	-62	-61	-66	-73	-72	-83	-71	-53	-44	-41
5570	-42	-41	-42	-31	-12	1	13	23	29	36
5580	37	37	37	37	37	37	37	37	37	37
5590	36	38	38	31	26	28	31	27	24	17
5600	33	6	7	6	7	7	7	7	6	12
5610	26	34	37	37	37	37	37	35	26	26
5620	27	26	32	38	36	37	36	37	36	37
5630	36	38	35	46	64	74	77	76	77	77
5640	73	61	56	57	57	56	63	75	82	90
5650	101	114	125	135	150	156	156	156	156	156
5660	156	156	156	157	151	145	147	146	146	146
5670	146	146	146	146	146	146	146	145	137	136
5680	125	127	119	116	117	116	116	116	116	116
5690	116	116	116	116	116	117	113	98	97	84
5700	69	63	47	47	43	34	36	26	17	18
5710	32	37	37	37	37	34	24	18	14	2
5720	-7	-15	-22	-22	-22	-22	-22	-21	-26	-35
5730	-31	-32	-31	-35	-42	-42	-42	-42	-51	-52
5740	-52	-52	-52	-52	-52	-52	-52	-52	-52	-52
5750	-52	-52	-52	-52	-52	-52	-52	-52	-52	-52
5760	-52	-52	-52	-52	-52	-52	-52	-52	-52	-52
5770	-13	-11	-2	-2	-3	0	7	-1	-1	-1
5780	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
5790	7	7	6	11	18	16	17	18	27	26
5800	27	26	32	37	26	28	20	0	-12	-19
5810	-12	-12	-12	-13	-23	-32	-32	-32	-31	-39
5820	-42	-42	-42	-42	-43	-35	-32	-27	-21	-21
5830	-22	-23	-31	-39	-43	-51	-52	-52	-52	-52
5840	-60	-71	-71	-74	-83	-81	-80	-81	-96	-103
5850	-100	-108	-112	-111	-112	-108	-101	-102	-101	-103
5860	-102	-101	-102	-101	-102	-93	-91	-84	-81	-82
5870	-81	-82	-82	-82	-79	-71	-72	-72	-72	-72
5880	-72	-72	-72	-72	-70	-62	-61	-63	-57	-51

TO BE CONTINUED

CONTINUED C M-639 E08N										CONTINUED C M-639 E08N											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5890	-52	-51	-52	-51	-53	-45	-42	-39	-31	-33	6430	-36	-43	-41	-42	-50	-52	-52	-52	-52	
5900	-31	-33	-35	-31	-22	-22	-22	-22	-22	-22	6440	-52	-52	-52	-52	-52	-52	-52	-52	-52	-52
5910	-22	-22	-22	-22	-22	-22	-22	-15	-11	-13	6450	-52	-52	-52	-52	-52	-52	-52	-52	-52	-52
5920	-19	-12	-12	-12	-12	-13	-7	-1	-3	-2	6460	-51	-36	-62	-63	-72	-71	-72	-72	-72	-72
5930	-2	-2	-2	-1	9	16	23	27	34	38	6470	-72	-71	-72	-71	-76	-83	-81	-82	-89	-100
5940	46	47	47	46	51	57	56	57	65	67	6480	-102	-101	-102	-101	-102	-101	-108	-112	-111	-112
5950	66	68	67	67	77	77	76	67	66	67	6490	-111	-112	-111	-112	-111	-112	-111	-102	-102	-101
5960	67	67	67	67	65	57	57	57	56	57	6500	-102	-100	-92	-89	-78	-69	-58	-51	-52	-64
5970	56	57	56	48	40	36	37	36	37	37	6510	-41	-42	-42	-42	-42	-42	-42	-42	-42	-42
5980	37	37	37	37	35	26	28	28	22	17	6520	-52	-52	-52	-52	-52	-52	-52	-52	-52	-52
5990	13	6	8	6	10	22	33	37	44	47	6530	-52	-52	-52	-52	-52	-51	-53	-47	-41	-42
6000	47	46	54	57	60	66	66	66	67	74	6540	-42	-40	-52	-2	-4	-15	-20	-11	-13	-6
6010	76	76	77	69	66	57	48	43	36	37	6550	4	8	2	-4	-15	-20	-12	-12	-12	-12
6020	36	37	29	26	12	4	2	2	-2	-3	6560	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
6030	-1	-3	4	7	16	27	47	47	46	52	6570	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
6040	47	47	47	47	47	47	46	52	63	67	6580	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22
6050	66	67	67	67	67	67	67	67	67	66	6590	-22	-22	-22	-22	-23	-15	-11	-12	-12	-4
6060	53	46	47	38	37	37	37	36	38	29	6600	-22	-22	-22	-22	-23	-15	-11	-12	-12	-4
6070	31	38	36	37	36	29	26	28	24	16	6610	45	49	56	60	67	66	67	66	67	66
6080	17	16	18	14	7	7	7	-1	-2	-2	6620	67	66	67	66	67	66	68	77	77	76
6090	-2	-2	-2	-2	-3	-11	-12	-12	-11	-19	6630	79	95	104	115	115	108	99	96	96	103
6100	-23	-22	-22	-22	-22	-23	-32	-44	-55	-64	6640	101	94	101	107	114	117	116	117	113	107
6110	-73	-80	-86	-93	-87	-81	-85	-85	-82	-91	6650	104	94	97	107	96	96	96	97	98	97
6120	-92	-91	-97	-102	-101	-111	-111	-116	-122	-121	6660	93	86	79	78	77	76	77	77	77	76
6130	-120	-112	-111	-112	-121	-121	-122	-121	-122	-121	6670	77	66	66	66	57	54	46	47	47	47
6140	-122	-128	-138	-148	-152	-151	-152	-151	-151	-151	6680	47	46	47	48	50	57	56	56	64	67
6150	-151	-151	-151	-151	-151	-151	-151	-151	-151	-151	6690	66	66	67	63	52	40	36	37	37	29
6160	-151	-151	-151	-151	-152	-149	-141	-142	-141	-142	6700	26	27	19	12	1	-2	-7	-13	-12	-11
6170	-141	-134	-121	-112	-108	-101	-87	-81	-75	-71	6710	-2	-2	-2	-2	-2	-2	-7	-15	-26	-38
6180	-73	-71	-73	-65	-61	-62	-62	-62	-62	-59	6720	-42	-48	-57	-62	-62	-54	-49	-36	-39	-48
6190	-51	-52	-52	-45	-41	-42	-42	-36	-31	-33	6730	53	-21	-54	-62	-62	-61	-64	-72	-72	-72
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6210	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	6750	-71	-75	-83	-80	-72	-72	-72	-72	-72	-72
6220	-5	0	17	13	22	27	26	27	26	28	6760	-72	-72	-72	-72	-72	-71	-80	-52	-44	-41
6230	24	16	17	17	16	8	6	-1	-3	-2	6770	-52	-42	-42	-42	-42	-42	-42	-42	-42	-42
6240	-3	3	9	16	20	28	30	37	37	36	6780	-22	-22	-23	-19	-11	-12	-12	-12	-12	-12
6250	39	47	52	64	68	76	76	77	76	77	6790	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
6260	77	77	77	76	77	76	77	76	77	76	6800	16	17	16	24	27	26	27	27	27	27
6270	77	73	67	67	67	67	66	67	66	67	6810	27	27	27	27	27	27	27	27	27	27
6280	66	67	66	67	67	67	66	67	66	67	6820	27	27	27	27	27	27	27	27	27	27
6290	66	67	66	67	66	67	66	68	76	76	6830	25	16	9	2	-3	-2	-2	-10	-13	-11
6300	77	77	77	76	77	76	77	76	83	87	6840	-18	-23	-22	-22	-22	-22	-22	-22	-23	-18
6310	86	87	86	87	86	87	86	91	97	96	6850	-11	-12	-12	-12	-12	-12	-12	-12	-12	-12
6320	97	96	103	103	102	96	97	96	96	97	6860	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
6330	96	97	95	102	103	95	98	93	77	77	6870	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
6340	74	66	75	77	76	77	77	76	77	76	6880	7	7	7	7	7	6	9	17	17	16
6350	85	86	92	98	95	98	90	87	82	75	6890	23	28	26	27	27	27	20	14	6	-1
6360	77	76	77	76	68	66	67	66	67	67	6900	-3	-11	-12	-12	-12	-12	-12	-12	-12	-12
6370	66	67	67	66	66	73	77	76	77	76	6910	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
6380	77	76	77	76	77	77	76	77	76	77	6920	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
6390	75	77	76	69	62	57	47	30	24	9	6930	-34	-27	-22	-16	-11	-13	-12	-12	-21	-28
6400	7	7	7	0	-5	-1	-6	-13	-12	-12	6940	-12	-12	-12	-12	-23	-32	-40	-45	-57	-57
6410	-12	-12	-12	-12	-12	-12	-12	-12	-12	-4	6950	-68	-72	-71	-72	-61	-62	-55	-51	-53	-53
6420	-2	-3	-1	-5	-13	-11	-13	-12	-24	-32	6960	-46	-41	-35	-26	-14	-9	-2	-2	-2	-3

CONTINUED(M-639)										CONTINUED(M-639)									
EOSN										EOSN									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6970	-11	-12	-12	-12	-12	-12	-12	-12	-12	7510	-74	-78	-85	-83	-86	-94	-94	-94	-94
6980	-12	-12	-12	-12	-12	-12	-12	-12	-12	7520	-84	-84	-85	-84	-84	-84	-84	-84	-84
6990	-12	-12	-12	-12	-12	-12	-12	-12	-12	7530	-94	-94	-94	-94	-94	-94	-94	-94	-94
7000	-26	-12	-12	-12	-12	-12	-12	-12	-12	7540	-64	-64	-65	-64	-64	-64	-64	-64	-64
7010	-2	-2	-2	-2	-2	-2	-2	-2	-2	7550	-54	-54	-54	-54	-54	-54	-54	-54	-54
7020	17	17	17	17	16	24	28	25	10	7560	-54	-54	-54	-54	-54	-54	-54	-54	-54
7030	10	26	27	27	27	37	36	36	42	7570	-34	-35	-34	-35	-34	-35	-34	-34	-34
7040	27	37	37	37	37	37	36	36	36	7580	-34	-35	-34	-35	-34	-35	-34	-34	-34
7050	47	50	62	69	77	76	77	76	77	7590	-24	-25	-24	-25	-24	-25	-24	-24	-24
7060	77	76	78	71	66	59	46	38	28	7600	-14	-15	-10	-8	-6	0	4	4	4
7070	33	38	44	57	66	67	67	67	67	7610	3	20	-35	-32	-35	-17	-24	-25	-25
7080	67	78	76	77	70	66	67	66	66	7620	-24	-29	-44	-44	-44	-35	-35	-34	-42
7090	62	55	48	44	56	57	56	59	46	7630	-85	-44	-44	-44	-44	-38	-36	-36	-44
7100	47	67	51	11	23	24	24	25	20	7640	-44	-44	-44	-44	-44	-44	-44	-44	-44
7110	15	14	15	11	3	5	-14	-21	-28	7650	-45	-44	-44	-44	-44	-44	-44	-44	-44
7120	-34	-35	-34	-34	-35	-34	-35	-34	-34	7660	-35	-34	-34	-34	-34	-34	-34	-34	-34
7130	-35	-34	-35	-34	-35	-34	-35	-34	-34	7670	-34	-34	-34	-34	-34	-34	-34	-34	-34
7140	-24	-25	-24	-25	-24	-25	-24	-25	-24	7680	-34	-34	-34	-34	-34	-34	-34	-34	-34
7150	-35	-34	-35	-34	-35	-34	-35	-34	-35	7690	-26	-22	-15	-13	-4	-5	-4	-4	-5
7160	-24	-29	-35	-34	-35	-34	-35	-34	-35	7700	0	5	4	5	4	4	4	4	4
7170	-34	-35	-34	-35	-34	-35	-34	-35	-34	7710	4	4	4	4	4	4	4	4	4
7180	-61	-65	-64	-64	-64	-64	-64	-64	-64	7720	4	4	4	4	4	4	4	4	4
7190	-65	-62	-54	-55	-54	-55	-54	-55	-54	7730	4	4	4	4	4	4	4	4	4
7200	-64	-62	-54	-55	-54	-55	-54	-55	-54	7740	4	4	4	4	4	4	4	4	4
7210	-81	-82	-84	-84	-84	-84	-84	-84	-84	7750	4	7	15	14	15	14	15	14	24
7220	-84	-85	-84	-84	-84	-84	-84	-84	-84	7760	24	23	14	14	14	14	14	14	14
7230	-72	-61	-61	-64	-64	-64	-64	-64	-64	7770	14	14	14	14	14	14	14	15	14
7240	-44	-45	-45	-37	-34	-35	-34	-35	-34	7780	17	25	24	24	24	24	20	15	16
7250	-34	-34	-34	-34	-34	-34	-34	-34	-34	7790	7	4	1	-6	-4	-5	-4	-12	-15
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7490	-34	-37	-45	-44	-44	-44	-44	-44	-44	8030	84	84	84	84	84	84	84	84	84
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TO BE CONTINUED

TO BE CONTINUED

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END

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TO BE CONTINUED

TO BE CONTINUED

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1430	-19	-9	-33	-37	-35	-39	-47	-46	-38	-35	1970	121	74	50	64	92	109	110	78	56	62
1440	-88	-70	-87	-88	-88	-73	-52	-32	-25	-32	1980	67	66	-28	28	58	55	51	17	-20	-69
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1550	19	-3	-23	-55	-61	-65	-69	-45	-21	6	2090	76	66	58	54	62	85	99	116	128	126
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CONTINUED (M-639 UP)

CONTINUED (M-639 UP)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
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2120	-13	56	104	91	62	35	54	54	106	106	2660	119	129	127	128	143	150	153	158	149
2130	74	46	20	22	52	66	84	84	118	123	2670	146	156	143	149	151	161	168	174	161
2140	107	74	33	-13	-59	-34	-26	-12	-11	-59	2680	170	163	152	143	128	119	128	146	144
2150	-29	-44	-48	-45	-55	-78	-88	-89	-82	-69	2690	127	100	76	61	53	45	37	29	20
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2210	-48	-42	-36	-34	-16	10	31	36	29	5	2750	-148	-148	-141	-135	-122	-106	-93	-82	-77
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2250	154	146	138	139	137	122	111	106	97	97	2790	97	97	96	103	115	117	101	87	70
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TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-639 UP)										CONTINUED (M-639 UP)												
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
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3710	17	2	0	-6	-11	-10	-11	-10	-10	-12	4250	51	58	65	71	78	84	90	97	102	106	106
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TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-639 UP)										CONTINUED (M-639 UP)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4270	155	154	154	154	155	152	144	144	144	144	4810	10	9	10	5	-1	0	-1	7	10	
4280	136	124	110	102	102	93	92	88	79	72	4820	8	0	-5	-12	-20	-21	-21	-21	-21	10
4290	71	72	68	62	60	52	50	51	43	43	4830	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21
4300	29	15	9	3	0	0	0	0	0	0	4840	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21
4310	-11	-11	-10	-11	-10	-17	-22	-21	-21	-21	4850	-11	-11	-20	-22	-29	-36	-42	-41	-42	-41
4320	-21	-21	-21	-31	-31	-31	-31	-31	-31	-31	4860	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42
4330	-31	-31	-31	-40	-42	-49	-58	-66	-73	-72	4870	-42	-41	-42	-41	-42	-42	-42	-42	-42	-42
4340	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73	4880	-42	-41	-42	-41	-42	-42	-42	-42	-42	-42
4350	-72	-74	-81	-91	-103	-108	-117	-124	-125	-133	4890	-56	-42	-35	-42	-41	-42	-42	-42	-42	-42
4360	-135	-134	-136	-132	-124	-135	-124	-115	-114	-103	4900	-56	-42	-35	-42	-41	-42	-42	-42	-42	-42
4370	-99	-89	-77	-65	-63	-57	-51	-52	-52	-52	4910	-56	-42	-35	-42	-41	-42	-42	-42	-42	-42
4380	-52	-42	-42	-35	-30	-22	-21	-20	-10	-10	4920	15	-5	-22	-16	1	15	13	9	1	1
4390	-10	-11	-10	-11	-10	-11	-3	0	0	8	4930	10	8	17	19	8	-5	-13	-14	6	20
4400	15	26	32	40	41	40	48	51	50	51	4940	30	21	19	20	21	36	40	48	51	50
4410	50	51	51	50	55	78	98	103	102	102	4950	51	50	51	49	41	40	43	51	50	51
4420	103	102	102	102	103	102	103	98	91	93	4960	48	35	22	12	7	0	0	0	0	0
4430	91	93	86	80	72	71	71	71	71	71	4970	0	0	0	0	0	0	0	0	0	0
4440	71	71	71	71	71	71	71	72	71	72	4980	-11	-4	0	-1	0	-8	-11	-10	-11	-10
4450	66	60	61	52	44	38	28	20	16	8	4990	0	0	0	-2	-11	-10	-10	-10	-10	0
4460	10	8	0	0	0	0	0	0	0	-2	5000	-21	-21	-21	-31	-41	-42	-42	-42	-42	-31
4470	-10	-11	-10	-16	-22	-20	-22	-30	-32	-31	5010	-31	-32	-41	-42	-42	-42	-42	-42	-42	-42
4480	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	5020	-41	-42	-41	-42	-41	-42	-42	-42	-42	-42
4490	-31	-31	-32	-29	-21	-21	-21	-21	-22	-15	5030	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62
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4520	1	1	9	11	20	25	37	41	51	44	5060	4	9	13	20	19	20	20	18	9	9
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4550	10	18	20	28	30	30	30	30	30	30	5090	102	102	102	110	116	124	123	123	123	123
4560	29	37	41	40	41	40	41	40	41	34	5100	121	111	98	89	82	81	82	76	67	58
4570	29	31	27	19	20	19	20	19	20	10	5110	47	40	33	29	31	22	26	31	30	29
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4610	-35	-42	-41	-42	-42	-41	-42	-37	-38	-21	5150	-41	-42	-40	-49	-72	-68	-52	-27	-20	-22
4620	-21	-19	-10	-11	-10	-11	-10	-11	-11	-3	5160	-39	-63	-70	-66	-63	-20	-39	-62	-69	-62
4630	-10	-11	-10	-11	-6	0	0	-1	0	0	5170	-63	-61	-73	-102	-121	-134	-108	-92	-94	-93
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4650	40	40	41	35	29	31	29	33	40	40	5190	-100	-91	-84	-82	-89	-94	-94	-92	-78	-70
4660	40	40	40	40	39	30	30	30	30	30	5200	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62
4670	30	30	30	30	30	30	30	30	30	29	5210	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62
4680	36	49	51	43	39	41	33	23	14	9	5220	-26	-11	3	15	20	19	19	10	9	9
4690	0	0	-1	5	10	9	9	9	9	-10	5230	9	9	9	9	9	9	17	21	17	9
4700	-31	-49	-52	-52	-52	-52	-60	-64	-72	-72	5240	9	19	34	44	44	58	61	61	61	61
4710	-62	-65	-72	-82	-102	-113	-114	-114	-114	-114	5250	58	50	51	50	51	50	51	50	51	62
4720	-114	-114	-114	-114	-114	-114	-114	-114	-114	-114	5260	32	29	35	42	30	15	25	41	45	36
4730	-114	-114	-114	-105	-103	-96	-92	-84	-82	-74	5270	25	19	20	18	12	5	-2	-10	-11	-10
4740	-70	-62	-63	-58	-49	-39	-26	-22	-14	-11	5280	-11	-21	-36	-48	-59	-63	-63	-61	-66	-73
4750	-5	0	3	11	18	26	35	40	47	52	5290	-75	-86	-101	-104	-104	-97	-93	-94	-93	-94
4760	50	51	50	51	50	51	51	51	51	51	5300	-75	-93	-93	-93	-93	-93	-93	-93	-93	-94
4770	77	72	90	107	114	109	82	53	64	96	5310	-83	-83	-83	-83	-84	-76	-72	-73	-84	-83
4780	116	119	96	72	59	69	89	101	91	64	5320	-63	-63	-63	-63	-63	-63	-63	-63	-63	-63
4790	50	53	76	93	84	69	60	52	51	60	5330	-6	-3	-4	-4	-4	-4	-4	-4	-4	-4
4800	72	83	78	68	55	39	23	19	20	19	5340	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-639 UP)										CONTINUED (M-639 UP)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5350	-4	2	6	5	6	6	5	6	5	11	5890	-12	-3	3	13	4	-12	-5	11	29	47
5360	17	15	16	16	16	16	16	16	16	15	5900	31	6	6	5	17	23	38	27	7	6
5370	22	36	50	65	73	79	78	78	78	76	5910	5	15	27	26	27	18	16	25	31	38
5380	67	63	67	68	68	68	68	67	58	57	5920	36	32	27	26	26	26	26	34	37	36
5390	57	57	57	57	57	57	57	58	56	47	5930	38	32	25	25	26	26	26	26	27	35
5400	39	33	26	26	26	17	16	16	16	16	5940	36	37	36	37	29	26	27	26	27	35
5410	15	8	0	-4	-4	-4	-4	-3	4	10	5950	37	36	37	36	42	49	56	66	67	70
5420	17	15	17	11	-12	-4	-5	-4	-14	-14	5960	28	38	37	29	71	68	62	57	50	46
5430	-14	-14	-14	-15	-12	-4	-5	-5	-6	-6	5970	45	35	38	29	26	26	26	28	28	26
5440	-36	-34	-33	-35	-35	-37	-46	-45	-45	-45	5980	26	27	18	14	6	5	6	5	-5	-5
5450	-45	-46	-44	-52	-56	-56	-66	-66	-66	-66	5990	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
5460	-66	-66	-66	-66	-66	-68	-76	-76	-76	-76	6000	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
5470	-76	-76	-76	-76	-76	-76	-76	-76	-76	-76	6010	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
5480	-76	-76	-76	-76	-76	-76	-77	-75	-81	-87	6020	-14	-14	-14	-15	-13	-19	-25	-31	-36	-34
5490	-86	-86	-87	-83	-76	-76	-77	-73	-66	-63	6030	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45
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5510	5	5	5	13	19	26	26	26	26	26	6050	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55
5520	29	26	26	27	25	32	37	26	27	26	6060	-36	-34	-36	-34	-29	-24	-24	-25	-24	-25
5530	27	22	15	16	17	5	5	6	6	6	6070	-20	-13	-15	-19	-3	2	2	6	6	5
5540	5	6	3	-4	-1	-1	-4	-4	-4	-4	6080	8	16	16	16	18	27	26	27	26	28
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5560	-24	-26	-35	-34	-40	-52	-55	-56	-52	-46	6100	47	47	47	47	47	38	37	31	25	26
5570	-37	-37	-45	-52	-56	-62	-67	-66	-65	-56	6110	26	26	27	21	16	12	5	6	6	0
5580	-56	-55	-56	-56	-56	-56	-55	-56	-55	-56	6120	-5	-3	-4	-4	-4	-4	-4	-4	-4	-4
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5610	7	15	16	16	16	16	16	16	16	16	6150	-13	-20	-25	-31	-36	-34	-35	-35	-35	-35
5620	16	16	16	16	16	16	16	16	16	16	6160	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35
5630	16	15	22	27	26	27	26	34	37	36	6170	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
5640	37	36	37	36	37	37	37	37	37	37	6180	-25	-24	-24	-24	-24	-24	-24	-24	-24	-24
5650	36	37	36	37	36	37	34	26	25	16	6190	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
5660	16	16	16	16	16	16	16	16	16	16	6200	3	3	3	3	3	3	3	3	3	3
5670	16	14	5	6	6	6	6	6	6	6	6210	37	37	37	37	37	37	37	37	37	37
5680	-4	-4	2	6	5	6	5	6	6	6	6220	26	27	26	27	26	26	26	26	26	26
5690	6	5	6	3	-4	-4	-4	-4	-4	-4	6230	6	5	6	6	6	6	6	6	6	6
5700	-19	-25	-26	-35	-34	-34	-34	-38	-45	-47	6240	24	28	36	37	36	37	36	42	48	46
5710	-56	-55	-56	-55	-56	-52	-39	-33	-25	-24	6250	48	40	36	37	36	37	36	37	37	36
5720	-25	-17	-14	-15	-14	-14	-14	-14	-14	-14	6260	37	36	37	34	26	26	26	26	26	17
5730	-14	-14	-15	-13	-20	-25	-32	-36	-35	-35	6270	16	16	17	10	5	6	5	6	5	6
5740	-44	-45	-42	-56	-61	-67	-65	-67	-60	-55	6280	5	-2	-10	-19	-24	-30	-36	-34	-35	-35
5750	-55	-46	-45	-45	-36	-34	-35	-34	-35	-31	6290	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35
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5770	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	6310	-14	-15	-13	-19	-25	-28	-36	-34	-35	-35
5780	-2	5	7	17	28	36	40	48	44	36	6320	-14	-15	-13	-19	-25	-28	-36	-34	-35	-35
5790	38	31	25	27	26	26	26	28	26	26	6330	-14	-15	-13	-19	-25	-28	-36	-34	-35	-35
5800	26	26	26	26	26	18	6	5	5	5	6340	-24	-26	-22	-24	-24	-24	-24	-24	-24	-24
5810	10	17	16	16	16	8	5	6	5	6	6350	-25	-24	-22	-18	-15	-14	-14	-14	-14	-14
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5830	5	6	5	7	0	-4	-10	-15	-15	-15	6370	6	5	8	16	19	35	36	39	46	51
5840	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	6380	58	57	58	57	57	57	57	57	57	57
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5860	-9	-16	-14	-15	-24	-25	-25	-24	-24	-25	6400	57	57	57	57	57	57	57	57	57	57
5870	-35	-35	-35	-27	-24	-22	-14	-15	-14	-14	6410	57	57	57	57	57	57	57	57	57	57
5880	-13	-20	-34	-18	2	20	22	6	-4	-14	6420	57	57	57	58	56	47	47	47	43	33

TO BE CONTINUED

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CONTINUED (M-639)										CONTINUED (M-639)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6430	27	24	14	4	-4	-18	-25	-33	-36	-35	6970	5	6	5	6	6	6	5	6	5	6
6440	-35	-35	-35	-36	-32	-25	-21	-13	-15	-14	6980	-4	-3	-9	-15	-14	-24	-24	-26	-24	-3
6450	-14	-14	-14	-14	-14	-14	-21	-27	-35	-35	6990	5	5	-35	-35	-35	-35	-35	-35	-35	-35
6460	-35	-35	-35	-35	-35	-24	-25	-24	-27	-38	7000	-35	-35	-35	-36	-36	-29	-24	-25	-24	-35
6470	-46	-54	-62	-71	-77	-85	-87	-87	-87	-87	7010	-24	-25	-22	-14	-14	-14	-14	6	6	16
6480	-86	-88	-81	-76	-74	-65	-66	-57	-54	-54	7020	17	26	26	26	26	26	26	26	26	26
6490	-37	-34	-35	-35	-35	-35	-35	-35	-35	-35	7030	26	26	26	26	26	34	37	36	37	36
6500	-35	-35	-29	-17	-14	6	-3	-4	-4	-4	7040	37	36	37	36	36	43	47	52	61	68
6510	-4	-4	-4	-4	-4	21	29	38	52	66	7050	68	67	68	65	65	57	57	57	57	57
6520	-4	-5	-1	6	7	6	6	6	6	6	7060	57	57	57	57	57	48	47	47	47	47
6530	71	80	74	67	68	67	69	62	56	53	7070	57	57	57	57	57	49	46	47	46	46
6540	57	57	57	57	57	57	49	47	47	48	7080	37	37	37	36	37	30	25	26	25	26
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6570	57	57	57	57	57	57	57	58	55	45	7110	-48	-58	-66	-74	-83	-83	-83	-83	-83	-82
6580	38	29	19	9	3	-4	-3	-5	1	7	7120	-73	-72	-73	-72	-73	-72	-73	-72	-73	-79
6590	5	7	12	5	6	6	5	6	4	4	7130	-82	-83	-82	-84	-82	-88	-93	-92	-92	-84
6600	-4	-3	-5	1	6	5	6	5	5	5	7140	-115	-113	-114	-114	-114	-113	-103	-94	-86	-75
6610	-4	-4	-13	-14	-21	-25	-24	-28	-36	-34	7150	-72	-73	-72	-73	-72	-73	-72	-73	-72	-73
6620	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	7160	-72	-73	-72	-73	-72	-84	-76	-72	-73	-73
6630	-35	-35	-35	-35	-35	-45	-45	-45	-45	-45	7170	-70	-56	-48	-41	-42	-41	-42	-41	-42	-31
6640	-45	-45	-45	-45	-42	-34	-35	-35	-35	-35	7180	-31	-31	-31	-31	-31	-31	-31	-31	-30	-22
6650	-35	-35	-35	-35	-35	-35	-35	-34	-38	-46	7190	-20	-21	-20	-22	-14	-10	-11	-10	-11	-10
6660	-75	-45	-45	-45	-46	-45	-45	-52	-56	-55	7200	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
6670	-75	-77	-76	-76	-76	-76	-77	-69	-61	-51	7210	-11	-10	-11	-10	-11	-5	0	0	0	0
6680	-38	-22	-7	-3	3	10	16	24	27	26	7220	0	0	7	13	20	19	20	20	20	20
6690	26	26	26	26	26	26	26	17	16	8	7230	20	20	20	20	20	19	26	31	30	30
6700	4	-3	-4	-4	-4	-4	-4	-4	-4	-4	7240	30	30	30	30	30	30	30	21	19	20
6710	4	6	7	16	16	16	16	16	16	16	7250	20	20	20	20	20	20	20	20	20	20
6720	25	27	35	37	36	37	36	37	37	37	7260	20	20	20	20	20	11	9	9	9	9
6730	37	36	37	36	37	32	25	27	26	26	7270	9	9	9	9	9	9	9	9	9	9
6740	26	26	26	26	26	26	26	26	26	26	7280	1	-2	-10	-17	-10	9	9	9	9	9
6750	19	16	9	5	0	-5	-3	-5	-13	-15	7290	1	-2	-10	-10	-10	-10	-10	-10	-10	-10
6760	-13	-19	-25	-24	-25	-15	-14	-14	-14	-14	7300	-10	-10	-10	-10	-10	0	0	0	0	0
6770	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	7310	20	20	20	20	20	20	20	20	20	20
6780	-14	-14	-14	-14	-14	-14	-15	-5	-4	-4	7320	20	20	20	20	20	20	20	20	20	20
6790	1	14	14	24	27	26	27	26	27	21	7330	10	7	0	0	0	0	0	0	0	0
6800	15	16	16	16	16	15	16	16	16	16	7340	-10	-10	-18	-21	-21	-21	-21	-21	-21	-21
6810	16	16	16	17	26	26	26	26	26	26	7350	-10	-11	-11	-11	-11	-11	-16	-9	-9	-11
6820	26	26	27	25	16	16	16	16	16	16	7360	-11	-1	0	0	0	0	0	0	0	0
6830	16	16	16	16	25	26	26	26	27	23	7370	-11	-10	-11	-10	-11	-10	-10	-10	-10	-10
6840	15	16	5	6	1	-5	-3	-4	-4	-4	7380	-11	-3	0	-2	4	9	13	21	19	11
6850	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	7390	9	10	9	9	9	9	9	9	9	9
6860	-14	-15	-14	-17	-31	-41	-51	-61	-75	-77	7400	10	8	0	0	9	9	10	10	10	9
6870	-76	-76	-76	-76	-76	-76	-76	-76	-66	-63	7410	-20	-20	-25	-32	-31	-32	-31	-40	-42	-41
6880	-52	-44	-36	-30	-16	-7	-2	0	6	5	7420	-42	-41	-42	-41	-42	-41	-41	-41	-41	-41
6890	-4	-3	-5	-14	-15	-14	-23	-24	-29	-36	7430	-41	-41	-41	-41	-41	-41	-41	-41	-41	-41
6900	-36	-36	-34	-42	-46	-45	-45	-45	-45	-45	7440	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31
6910	-38	-34	-36	-34	-36	-32	-25	-21	-13	-15	7450	-31	-31	-31	-31	-31	-40	-42	-41	-42	-41
6920	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	7460	-42	-41	-42	-41	-42	-41	-42	-41	-42	-39
6930	-14	-14	-14	-14	-23	-25	-25	-25	-24	-24	7470	-31	-31	-31	-31	-31	-23	-20	-21	-21	-21
6940	-25	-22	-14	-14	-14	-14	-14	-14	-14	-14	7480	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21
6950	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	7490	-21	-21	-21	-21	-21	-9	-11	-8	0	0
6960	-13	-4	-4	-4	-4	-4	-4	-4	-4	-4	7500	0	0	-1	2	10	9	10	9	9	9

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-639 UP)										CONTINUED (M-639 UP)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7510	9	9	9	9	9	9	9	9	9	9	8050	30	30	30	30	29	36	42	39	43	
7520	9	9	9	9	9	9	9	9	9	9	8060	51	51	51	51	51	51	51	51	51	
7530	9	9	9	9	9	9	9	9	9	9	8070	51	51	51	51	51	51	51	51	51	
7540	20	20	20	20	20	20	20	19	20	20	8080	51	50	56	62	60	69	72	72	72	
7550	19	24	35	47	51	50	51	50	54	62	8090	59	61	61	61	61	61	61	61	62	
7560	61	61	61	61	61	62	54	50	51	51	8100	58	43	39	41	40	41	40	40	40	
7570	51	45	39	41	40	40	40	40	40	40	8110	40	40	40	40	40	40	40	40	40	
7580	40	40	40	40	41	40	41	40	41	39	8120	40	41	39	30	30	30	30	30	30	
7590	30	30	29	34	42	39	42	36	29	30	8130	30	31	26	19	20	19	20	19	20	
7600	30	30	31	25	19	20	19	20	19	20	8140	20	20	20	19	21	21	21	15	9	
7610	20	20	20	20	0	-6	-11	-10	19	20	8150	4	-3	-9	-14	-20	-21	-21	-20	-20	
7620	9	9	9	9	0	0	-11	-10	19	20	8160	-21	-20	-28	-32	-31	-30	-21	-21	-21	
7630	-11	-10	-10	-10	-10	-11	-19	-21	-20	-22	8170	-21	-21	-21	-21	-21	-21	-21	-21	-21	
7640	-31	-31	-31	-31	-32	-30	-39	-42	-18	-8	8180	-21	-21	-21	-21	-21	-21	-21	-21	-21	
7650	-55	-62	-70	-76	-83	-93	-82	-85	-83	-83	8190	-20	-27	-32	-31	-31	-31	-31	-31	-31	
7660	-83	-90	-94	-92	-84	-89	-82	-83	-83	-83	8200	-51	-31	-31	-31	-31	-31	-31	-31	-31	
7670	-84	-80	-72	-73	-72	-73	-72	-73	-72	-72	8210	-24	-32	-31	-31	-31	-31	-31	-31	-31	
7680	-73	-72	-73	-72	-73	-72	-73	-72	-73	-72	8220	-22	-17	-10	-10	-10	-20	-21	-21	-21	
7690	-61	-53	-52	-50	-42	-38	-30	-32	-28	-20	8230	-21	-21	-21	-21	-20	-31	-31	-31	-31	
7700	-21	-18	-10	-11	-4	2	9	9	9	9	8240	-29	-22	-20	-23	-31	-31	-31	-31	-31	
7710	9	8	9	8	0	0	-7	-15	-26	-31	8250	-20	-21	-20	-20	-11	-10	-11	-10	-11	
7720	4	11	9	10	9	9	10	7	-1	0	8260	-6	0	0	0	0	0	0	0	0	
7730	-8	-11	-10	-17	-22	-19	-24	-7	22	18	8270	0	0	8	9	9	10	9	10	6	
7740	20	19	13	7	-4	-13	-21	-21	-21	-21	8280	0	-5	-12	-7	0	0	0	0	0	
7750	-21	-21	-20	-11	-11	-8	0	-6	-10	-2	8290	-6	-11	-11	-10	-16	-21	-28	-32	-31	
7760	4	9	15	21	19	20	19	20	20	20	8300	-31	-31	-31	-31	-31	-31	-24	-19	-12	
7770	20	20	20	20	20	20	20	20	20	20	8310	-2	0	3	10	9	18	20	20	20	
7780	20	20	30	30	31	25	18	11	9	10	8320	20	20	19	20	15	8	10	9	9	
7790	9	9	9	9	9	10	8	0	-5	-11	8330	9	9	1	-1	0	0	0	0	0	
7800	-11	-10	-12	-6	0	2	10	9	9	10	8340	0	0	0	-1	0	-6	-11	-10	-10	
7810	19	19	20	19	20	19	27	30	36	41	8350	-11	-10	-10	-10	-10	-10	-10	-11	-10	
7820	40	41	40	40	40	41	40	41	40	41	8360	-11	-10	-11	-8	0	-1	8	12	20	
7830	29	30	30	30	30	30	30	30	30	29	8370	20	20	20	20	20	20	19	20	12	
7840	32	41	40	41	38	30	30	30	30	30	8380	3	10	9	10	5	-1	0	-9	-10	
7850	30	30	30	31	25	19	20	19	20	20	8390	-11	-3	0	-1	-9	-11	-11	-19	-20	
7860	20	20	19	20	19	28	36	30	40	40	8400	-21	-20	-24	-24	-31	-31	-27	-18	-11	
7870	40	40	40	40	40	40	40	40	33	21	8410	-10	-11	-10	-11	-10	-2	0	0	0	
7880	20	20	20	20	20	20	20	20	20	20	8420	0	0	0	0	0	0	0	0	-10	
7890	20	20	20	20	19	20	15	8	10	9	8430	-11	-20	-21	-21	-21	-21	-21	-21	-21	
7900	9	10	6	-1	0	0	0	0	-1	0	8440	-21	-21	-21	-21	-21	-21	-20	-22	-16	
7910	0	0	0	-4	-1	-4	-10	-11	-10	-14	8450	-11	-3	1	9	9	18	20	20	20	
7920	-21	-20	-21	-20	-22	-14	-10	-11	-10	-11	8460	20	20	20	20	20	20	20	20	20	
7930	-10	-11	-10	-11	-10	-11	-10	-18	-21	-20	8470	20	20	20	19	20	20	20	20	20	
7940	-21	-21	-21	-21	-21	-21	-21	-13	-9	-1	8480	9	9	9	9	9	9	9	9	9	
7950	0	0	0	0	0	-9	-16	-25	-32	-31	8490	9	10	7	0	0	0	0	0	0	
7960	-23	-20	-22	-18	-10	-9	0	-1	6	10	8500	-3	-11	-10	-11	-11	-20	-23	-31	-31	
7970	9	9	10	8	0	-8	-11	-10	-13	-20	8510	-31	-31	-31	-31	-31	-31	-41	-41	-31	
7980	-21	-21	-21	-21	-21	-21	-21	-21	-21	-20	8520	-31	-31	-31	-32	-30	-41	-41	-42	-41	
7990	-21	-20	-26	-31	-38	-42	-43	-52	-51	-52	8530	-42	-41	-42	-41	-42	-41	-46	-60	-64	
8000	-51	-41	-42	-36	-30	-32	-31	-31	-31	-31	8540	-72	-73	-72	-73	-72	-73	-73	-73	-73	
8010	-22	-21	-21	-21	-21	-21	-21	-10	-11	-11	8550	-73	-72	-73	-73	-73	-73	-72	-73	-73	
8020	-11	-10	-10	-10	-10	-10	-10	-10	-10	-11	8560	-73	-73	-73	-73	-73	-72	-72	-73	-71	
8030	-10	-11	-10	-1	0	1	10	1	10	9	8570	-63	-62	-62	-62	-62	-52	-52	-52	-52	
8040	5	-1	0	3	0	0	15	20	19	22	8580	-52	-52	-52	-49	-41	-34	-31	-31	-31	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (M-639 UP)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8590	-32	-31	-32	-27	-20	-21	-22	-15	-10	-3
8600	0	-1	0	0	0	0	0	0	0	0
8610	0	0	-1	-9	-11	-10	-15	-22	-20	-21
8620	-21	-21	-21	-21	-21	-21	-21	-20	-11	-10
8630	-10	-1	0	0	0	-4	-12	-9	-16	-21
8640	-20	-21	-21	-21	-21	-21	-21	-20	-22	-22
8650	-31	-31	-31	-31	-31	-31	-39	-42	-41	-42
8660	-41	-42	-41	-42	-41	-42	-41	-41	-41	-41
8670	-41	-41	-41	-41	-41	-42	-31	-31	-31	-31
8680	-31	-30	-34	-42	-42	-31	-31	-31	-31	-31
8690	-42	-42	-61	-52	-52	-51	-52	-61	-62	-62
8700	-41	-42	-41	-42	-41	-41	-41	-41	-41	-42
8710	-42	-41	-32	-31	-31	-31	-31	-31	-31	-31
8720	-31	-32	-25	-20	-21	-21	-19	-10	-11	-10
8730	-11	-6	0	0	0	0	0	0	0	0
8740	0	0	0	0	0	0	0	0	0	0
8750	-1	0	-5	-11	-10	-20	-21	-21	-12	-10
8760	-11	-10	-11	-10	-10	-10	-10	-10	-10	-10
8770	-10	-10	-11	-9	0	-1	5	10	9	10
8780	9	9	9	9	9	9	9	9	9	9
8790	10	1	-1	0	0	0	0	0	0	-2
8800	-11	-10	-11	-10	-11	-10	-11	-5	0	-1
8810	0	0	0	0	0	0	0	0	0	0
8820	0	-8	-12	-20	-21	-21	-21	-21	-21	-22
8830	-31	-31	-32	-41	-42	-41	-41	-41	-41	-41
8840	-41	-41	-41	-41	-41	-41	-42	-41	-42	-41

END

RECORD = S-1599 COMPONENT = WEST STATION = MURORAN-S
 DATE AND TIME = 1983-06-21-15-26 TOTAL NUMBER OF DATA = 6100
 SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 SIGNAL = GR. ACC.
 CONNECTION POINT IN DATA NUMBER = 3076, 6100.

No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	8	8	8	8	8	8	8	8	7	7
10	6	4	3	2	1	-1	0	-6	7	-8
20	-9	-10	-7	-5	-2	0	0	2	2	4
30	5	5	6	6	6	6	6	5	4	3
40	2	0	0	-5	-6	-9	-11	-15	-13	-13
50	-13	-14	-16	-17	-15	-10	-7	-4	-5	-1
60	0	4	8	9	10	10	17	23	23	23
70	24	25	24	15	5	-7	-15	-16	-10	8
80	-8	-7	-8	-11	-14	-17	-20	-22	-23	-22
90	-20	-18	-15	-11	-6	3	5	3	5	5
100	7	10	12	15	18	19	19	18	14	19
110	4	-7	-15	-18	-20	-26	-25	-22	-20	-19
120	-19	-20	-21	-21	-19	-14	-11	-14	-17	-14
130	-8	-2	3	8	9	9	9	2	-3	0
140	6	12	10	1	-5	-14	-21	-19	-18	-18
150	-18	-11	-8	-2	4	5	5	2	-2	-8
160	-12	-14	-17	-14	7	1	2	7	14	19
170	26	26	26	25	20	20	18	5	-2	-6
180	-2	-1	-1	-8	-14	-19	-22	-15	-12	-7
190	-6	-5	-2	0	0	-1	-1	-5	-8	-15
200	-18	-15	-11	-8	-7	-6	-3	2	7	11
210	14	19	26	29	28	25	24	24	21	19
220	18	10	1	-6	-18	-24	-25	-26	-24	-24
230	-24	-23	-19	-13	-10	-8	-4	-2	0	0
240	1	14	4	8	11	14	13	9	6	9
250	17	21	24	24	21	16	10	7	12	16
260	17	15	12	10	3	-2	-9	-13	-16	-23
270	-30	-34	-33	-29	-28	-27	-25	-18	-11	-14
280	-2	6	12	14	14	13	11	11	11	13
290	19	26	26	23	11	7	6	-2	-8	-8
300	-12	-14	-13	-10	-10	-13	-20	-21	-22	-22
310	-22	17	21	23	23	23	23	15	7	8
320	12	17	21	23	23	23	13	14	13	12
330	5	7	9	12	12	12	13	14	13	12
340	12	12	12	12	9	7	4	-4	-11	-11
350	-10	-10	-14	-16	-17	-18	-18	-20	-20	-16
360	-13	-13	-16	-21	-25	-26	-22	-14	-10	-9
370	-7	-7	-3	0	4	7	10	15	19	22
380	23	21	16	13	13	11	4	0	-1	0
390	4	4	1	1	-2	-12	-27	-26	-26	-26
400	-24	-21	-19	-20	-18	-13	-10	-1	0	-5
410	3	7	8	8	5	10	10	6	2	5
420	3	4	4	4	5	3	4	4	6	10
430	15	9	8	8	0	-5	-6	-6	-6	-5
440	-8	-8	-12	-14	-14	-13	-13	-13	-13	-15
450	-6	-6	-6	-5	-5	-6	-9	-9	-5	-1
460	0	-3	-4	-4	-6	-6	-2	0	0	2
470	3	2	1	0	-2	-3	0	2	6	8
480	10	12	13	10	7	2	-1	-1	-5	-14

TO BE CONTINUED

No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	-20	-21	-22	-22	-21	-21	-21	-21	-20	-19
500	-15	-10	-7	-8	-16	-22	-22	-24	-20	-19
510	-7	4	11	7	-1	-1	-1	-1	10	14
520	14	14	14	12	10	10	10	17	18	17
530	15	10	2	9	9	9	7	5	5	5
540	6	5	1	0	-2	-6	-5	-5	-6	-8
550	-10	-10	-10	-10	-12	-12	-12	-12	-11	-11
560	-1	-4	-5	-5	-3	-2	-2	-3	-13	-16
570	-15	-12	-7	-7	-5	-5	-5	-5	-5	-6
580	-10	-10	0	2	2	4	7	7	12	16
590	17	24	20	23	23	21	20	21	23	24
600	24	24	22	19	16	15	13	12	8	6
610	-3	-10	-7	-7	-3	-11	-15	-16	-16	-11
620	-5	-1	0	0	0	2	4	4	-3	-2
630	0	1	0	-2	-3	1	5	7	9	11
640	13	14	15	16	14	8	-1	-7	-13	-18
650	-19	-20	-20	-19	-21	-19	-13	-12	-7	-4
660	0	9	10	10	5	1	1	5	11	17
670	20	22	22	19	13	2	10	9	5	4
680	4	4	4	4	2	2	0	-3	-4	-7
690	-8	-9	-9	-10	-11	-11	-13	-10	-9	-3
700	0	0	2	4	4	6	8	10	16	21
710	21	21	19	11	3	0	-1	-4	-9	-16
720	-8	-13	-13	-12	-17	-19	-16	-7	-6	-7
730	-8	0	4	4	6	9	8	8	10	8
740	5	-1	4	-6	-6	-4	0	2	5	6
750	6	5	9	13	15	20	23	22	13	4
760	4	2	1	-6	-9	-12	-15	-18	-15	-13
770	-18	-20	-18	-12	-11	-12	-15	-19	-23	-25
780	-26	-24	-17	-12	-9	-2	-1	6	12	12
790	21	26	28	31	34	35	37	37	37	37
800	33	31	30	22	19	5	4	2	0	-1
810	-4	-6	-8	-15	-15	-18	-16	-21	-29	-31
820	-32	-34	-35	-37	-36	-30	-28	-17	-21	-17
830	-13	-10	5	12	18	32	39	40	43	46
840	66	43	38	34	29	19	10	0	-18	-29
850	-38	-41	-40	-32	-30	-29	-26	-24	-20	-16
860	-10	10	10	11	1	3	6	7	8	10
870	10	10	3	3	1	4	4	3	3	3
880	3	3	3	3	1	-3	-6	-3	0	3
890	8	14	17	19	21	22	24	24	24	21
900	17	14	11	10	9	6	4	3	0	-3
910	-7	-13	-15	-11	-19	-21	-21	-16	-9	-7
920	-5	-4	-7	-11	-13	-9	-2	2	7	8
930	15	14	12	16	19	19	21	23	27	27
940	27	26	20	18	7	0	-7	-9	-15	-17
950	-22	-27	-27	-21	-16	-14	-14	-12	-8	0
960	22	17	11	9	9	13	14	15	21	22
970	22	17	11	9	9	9	8	9	9	5
980	5	0	-2	-6	-11	-12	-12	-11	-7	-5
990	-2	-5	-5	-4	-4	-3	-3	-7	-10	-12
1000	-14	-18	-22	-25	-25	-23	-20	-19	-15	-12
1010	-9	-7	-5	-2	-2	3	12	13	15	16
1020	17	15	19	14	7	2	1	3	3	1

TO BE CONTINUED

CONTINUED(S-1599 WEST)										CONTINUED(S-1599 WEST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	-3	-8	-11	-11	-12	-14	-17	-22	-25	-29	1570	-66	-41	-37	-36	-36	-33	-27	-24	-24	-21
1040	-31	-31	-26	-21	-20	-22	-23	-24	-20	-14	1580	-15	-12	-11	-11	-9	-9	-7	-4	-4	-3
1050	-11	-8	-5	-2	0	0	0	-1	1	3	1590	1	3	6	8	13	40	52	60	72	76
1060	7	8	10	16	27	26	21	15	12	5	1600	80	80	80	73	63	47	32	14	-7	-25
1070	7	5	3	0	0	0	-1	0	3	5	-1610	-41	-74	-87	-113	-134	-155	-190	-205	-205	-214
1080	8	9	10	11	10	9	9	8	5	2	1620	-22	-223	-223	-213	-213	-196	-175	-151	-122	-37
1090	-3	9	10	11	10	9	9	8	5	2	1630	45	124	185	251	337	378	434	425	433	429
1100	-31	-36	-37	-39	-34	-28	-26	-26	-26	-28	1640	409	372	332	289	251	202	138	65	4	-65
1110	-14	-10	-9	-9	-12	-14	-12	-11	-9	-5	1650	-99	-141	-168	-137	-210	-232	-220	-194	-170	-146
1120	-4	-5	-5	-6	-8	-9	-5	-3	0	3	1660	-117	-111	-107	-90	-64	-28	14	48	94	148
1130	6	4	5	0	3	7	3	3	-2	-4	1670	227	249	263	266	233	211	164	144	128	103
1140	4	4	9	13	17	20	26	32	35	36	1680	83	18	27	138	330	609	420	434	455	451
1150	36	36	36	35	35	34	31	24	19	18	1690	-830	-629	-618	-489	-353	-355	-329	-285	-222	-183
1160	17	17	17	17	14	10	2	-6	-6	-8	1700	-64	119	245	359	462	473	488	439	483	469
1170	-18	-19	-20	-20	-20	-20	-20	-19	-19	-19	1710	460	445	423	395	370	340	292	253	219	176
1180	-14	-17	-14	-12	-10	-3	8	12	14	15	1720	156	127	93	25	56	148	219	262	277	313
1190	17	15	14	12	11	0	8	8	8	6	1730	-352	-376	-371	-357	-342	-268	-250	-241	-241	-241
1200	-7	-13	-18	-26	-26	-23	-7	-5	6	6	1740	-236	-188	-158	-159	-128	-154	-177	-182	-182	-150
1210	9	20	30	30	30	30	30	30	27	14	1750	-52	-69	2	98	169	226	263	302	333	332
1220	-4	-2	-12	-8	12	12	12	12	14	17	1760	373	389	391	391	384	367	338	296	244	191
1230	4	7	8	11	14	15	15	15	15	15	1770	138	89	42	-5	-30	-55	-78	-109	-131	-154
1240	17	17	16	13	2	-4	-5	-6	-1	1	1780	-174	-165	-135	-93	-56	-4	29	36	35	-3
1250	4	7	8	11	14	15	15	15	15	15	1790	-57	-94	-124	-161	-199	-238	-280	-317	-356	-358
1260	14	10	3	0	1	1	2	3	4	4	1800	-330	-283	-227	-161	-89	-10	65	112	158	195
1270	4	4	1	-1	-2	-2	-3	-3	-4	-4	1810	164	167	165	164	169	172	187	210	227	245
1280	0	4	5	5	5	5	4	0	-4	-5	1820	252	255	252	233	193	143	92	37	-16	-66
1290	-8	-14	-16	-18	-18	-18	-15	-6	-1	0	1830	-65	-44	-44	-51	-58	-72	-38	-91	-89	-77
1300	0	2	4	6	10	10	10	10	10	10	1840	-59	-48	-51	-67	-83	-99	-142	-180	-236	-291
1310	11	14	15	17	18	19	19	19	19	17	1850	-340	-369	-385	-391	-380	-341	-285	-237	-170	-92
1320	12	8	5	5	3	-1	-16	-17	-15	-14	1860	-24	23	55	93	122	154	167	183	202	214
1330	-17	-19	-20	-25	-29	-32	-32	-35	-36	-37	1870	228	236	238	234	201	163	114	61	-14	-94
1340	-40	-46	-44	-53	-51	-23	-16	-11	-3	0	1880	-136	-138	-105	-57	-37	-15	0	15	29	34
1350	0	-3	-5	-5	-5	-4	1	5	6	12	1890	39	39	33	28	21	24	26	31	48	74
1360	19	22	29	27	26	25	25	25	26	27	1900	125	169	254	314	358	350	293	235	169	90
1370	25	19	18	15	13	12	9	3	2	3	1910	-18	-134	-282	-363	-433	-482	-515	-546	-543	-690
1380	2	6	15	29	33	33	33	33	33	32	1920	-619	-355	-292	-181	-98	-56	-23	0	12	66
1390	26	14	5	-2	-10	-18	-22	-27	-25	-25	1930	82	109	145	169	175	178	170	179	182	221
1400	-24	-22	-18	-14	-12	-11	-11	-11	-12	-13	1940	251	275	291	293	262	216	177	147	123	115
1410	-11	-6	-3	0	2	7	16	23	30	36	1950	112	103	88	88	71	59	44	36	13	-2
1420	42	51	57	62	66	66	66	66	66	66	1960	-21	-45	-56	-56	-47	-45	-45	-47	-49	-54
1430	48	40	32	16	3	-3	-3	-3	-3	-3	1970	-74	-96	-119	-142	-173	-230	-282	-332	-377	-410
1440	-37	-36	-26	-35	-34	-33	-32	-32	-29	-27	1980	-404	-370	-332	-294	-246	-188	-99	-19	53	138
1450	-27	-27	-27	-27	-24	-24	-24	-24	-25	-24	1990	216	286	331	353	376	376	348	316	299	301
1460	-3	-2	-2	-2	10	12	15	16	16	18	2000	304	311	316	310	278	249	205	167	131	106
1470	23	26	26	28	15	4	-9	-10	-37	-62	2010	90	89	89	70	36	0	-37	-86	-145	-185
1480	-69	-64	-89	-81	-70	-68	-61	-45	-40	-25	2020	-228	-177	-151	-112	-330	-337	-338	-333	-299	-263
1490	-10	-6	-3	7	15	16	18	27	33	33	2030	224	251	280	317	330	337	338	333	299	263
1500	30	26	25	24	23	22	22	22	25	37	2040	-3	-4	6	6	7	11	12	15	25	40
1510	42	42	42	39	36	35	28	21	16	15	2050	49	55	78	119	173	221	254	290	298	263
1520	11	3	1	3	6	9	11	14	15	14	2060	220	178	160	116	93	68	59	52	15	-4
1530	12	9	8	11	15	19	22	23	24	24	2070	-17	-22	-22	-22	-25	-29	-32	-42	-54	-60
1540	26	28	28	27	27	28	25	20	15	11	2080	-79	-102	-119	-132	-152	-183	-215	-236	-249	-233
1550	9	8	2	-3	-6	-9	-18	-25	-26	-26	2090	-207	-202	-195	-179	-158	-129	-95	-52	-30	4
1560	-33	-49	-61	-61	-61	-60	-60	-60	-60	-56	2100	48	103	129	141	153	160	157	144	130	117

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1599 WEST)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2110	105	85	69	53	44	42	48	68	82	81
2120	72	60	56	60	60	60	45	110	1	-29
2130	-39	-60	-61	-73	-93	-106	-110	-132	-151	-151
2140	-163	-138	-190	-203	-229	-242	-241	-210	-174	-169
2150	-54	-7	10	26	36	39	48	53	65	127
2160	69	67	59	58	58	56	62	73	96	122
2170	137	136	192	214	225	229	235	237	229	210
2180	174	135	84	9	-58	-106	-144	-164	-167	-165
2190	-165	-165	-163	-153	-128	-97	-67	-43	-37	-47
2200	-56	-61	-63	-64	-70	-82	-99	-117	-133	-149
2210	-156	-139	-100	-65	-27	9	53	117	189	253
2220	296	328	340	325	290	247	204	159	131	112
2230	33	33	15	-73	-107	-113	-97	-59	-35	-23
2240	-22	-24	-46	-74	-70	-74	-77	-78	-78	-80
2250	-81	-70	-75	-59	-35	-24	-19	-9	3	23
2260	43	67	52	62	70	74	74	71	42	18
2270	-2	-57	-58	-77	-94	-100	-111	-111	-102	-68
2280	-57	-65	-25	-10	2	4	-8	-16	-4	7
2290	11	13	13	13	4	4	8	16	14	7
2300	9	9	4	0	-2	8	25	35	48	65
2310	76	85	88	84	75	68	64	62	61	72
2320	87	104	127	148	159	152	140	129	113	92
2330	71	50	30	11	-13	-35	-53	-78	-101	-112
2340	-119	-125	-125	-122	-118	-118	-117	-121	-133	-142
2350	-148	-151	-137	-128	-112	-95	-78	-58	-39	-23
2360	-10	0	3	5	6	7	11	21	38	47
2370	56	64	67	59	49	35	25	14	5	-7
2380	-21	-31	-37	-37	-30	-24	-21	-15	4	18
2390	-3	5	-14	-10	-8	-2	0	4	18	18
2400	20	29	34	46	58	73	83	84	86	83
2410	83	70	58	55	51	53	13	11	-20	-44
2420	-79	-99	-107	-108	-106	-103	-102	-96	-86	-65
2430	-39	-23	-17	-4	6	8	9	17	31	44
2440	52	59	64	65	56	40	25	14	5	4
2450	11	17	15	9	5	3	3	5	13	23
2460	30	36	40	40	35	27	21	17	9	0
2470	-3	0	-15	-22	-27	-27	-24	-20	-12	-6
2480	0	9	23	32	28	12	-7	-24	-41	-57
2490	-72	-82	-98	-89	-76	-61	-43	-27	-2	-2
2500	17	28	48	74	96	110	118	153	156	158
2510	165	161	168	133	107	82	53	27	-19	-58
2520	-89	-108	-129	-130	-130	-130	-125	-85	-65	-30
2530	-15	0	13	26	36	39	36	64	80	85
2540	87	99	97	95	95	95	95	95	87	74
2550	58	44	23	0	-1	2	3	2	2	5
2560	3	14	19	21	25	28	29	19	9	4
2570	-3	-1	-21	-27	-33	-39	-42	-46	-48	-44
2580	-36	-31	-26	-19	-9	0	13	25	33	38
2590	41	43	44	44	43	37	28	19	14	5
2600	4	-4	-15	-23	-33	-42	-54	-57	-63	-68
2610	-71	-76	-84	-83	-84	-84	-84	-83	-76	-63
2620	-53	-55	-34	-29	-30	-30	-30	-30	-31	-31
2630	-32	-34	-34	-35	-35	-35	-36	-36	-36	-36
2640	-30	-14	-2	10	18	21	32	46	58	72

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1599 WEST)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3190	-50	-56	-59	-62	-62	-59	-58	-58	-58	-57
3200	-57	-62	-66	-66	-56	-48	-39	-26	-15	-4
3210	3	9	13	16	20	26	33	38	40	40
3220	32	23	15	9	6	4	1	-1	-5	-8
3230	-14	-17	-21	-26	-30	-34	-36	-36	-36	-39
3240	-40	-37	-33	-33	-32	-31	-29	-22	-12	-12
3250	-2	10	19	23	21	14	5	-3	-8	-20
3260	-29	-36	-44	-54	-65	-76	-83	-87	-86	-82
3270	-76	-74	-72	-68	-66	-62	-57	-47	-36	-23
3280	-9	0	9	18	22	22	22	21	17	14
3290	14	15	12	13	12	14	13	7	2	5
3300	-12	-13	-27	-31	-35	-39	-44	-45	-48	-48
3310	-47	-37	-31	-17	-6	-2	2	7	10	12
3320	13	16	17	17	18	14	4	-3	-13	-19
3330	-28	-33	-35	-31	-24	-18	-15	-9	-4	1
3340	6	9	12	13	15	20	23	25	26	26
3350	25	25	29	34	36	39	41	40	36	28
3360	15	3	-5	-13	-20	-26	-29	-32	-38	-42
3370	-43	-42	-42	-42	-46	-46	-49	-47	-47	-43
3380	-46	-44	-42	-39	-36	-32	-25	-18	-11	-3
3390	5	10	16	25	34	42	43	44	42	38
3400	32	25	17	9	4	2	1	1	1	3
3410	4	5	6	5	-2	-8	-13	-19	-22	-17
3420	-13	-12	-12	-13	-19	-21	-25	-31	-36	-46
3430	-49	-49	-49	-43	-40	-34	-30	-30	-34	-38
3440	-43	-48	-49	-55	-61	-66	-68	-68	-62	-56
3450	-51	-41	-33	-26	-19	-12	-5	2	7	15
3460	20	26	31	35	37	37	37	35	31	26
3470	19	11	4	-10	-24	-34	-41	-49	-56	-60
3480	-63	-66	-70	-75	-81	-85	-88	-90	-90	-86
3490	-77	-66	-52	-39	-28	-16	-4	8	20	28
3500	35	39	42	46	48	47	47	47	46	44
3510	40	32	24	14	3	-8	-17	-24	-33	-36
3520	-33	-29	-25	-21	-21	-21	-23	-23	-25	-26
3530	-26	-28	-27	-25	-26	-27	-25	-21	-19	-16
3540	-13	-9	-3	-2	-1	0	3	9	19	11
3550	11	11	11	12	7	4	0	-1	3	7
3560	15	22	30	41	49	50	50	42	42	42
3570	39	37	40	41	41	40	36	23	22	19
3580	16	14	14	14	9	3	-1	-11	-13	-12
3590	-7	-6	-1	0	0	0	-1	-2	-1	0
3600	4	7	10	13	15	21	27	29	30	29
3610	29	26	21	16	13	10	6	2	0	0
3620	0	1	8	13	27	27	27	24	21	21
3630	19	17	13	9	6	3	-1	-6	-10	-14
3640	-23	-27	-31	-37	-43	-40	-38	-32	-28	-28
3650	-26	-24	-22	-22	-21	-20	-20	-18	-17	-18
3660	-17	-17	-17	-21	-24	-29	-34	-38	-42	-45
3670	-46	-45	-46	-51	-52	-52	-49	-47	-46	-46
3680	-44	-39	-39	-37	-32	-27	-19	-16	-7	-1
3690	4	10	14	16	20	24	28	32	35	35
3700	32	26	21	17	14	5	4	-1	-5	-12
3710	-14	-19	-21	-23	-23	-20	-19	-14	-14	-14
3720	-17	-20	-26	-34	-37	-39	-32	-30	-27	-21

TO BE CONTINUED

CONTINUED(S-1599 WEST)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3730	-18	-18	-18	-18	-15	-10	-6	1	11	18
3740	20	20	19	14	7	0	-4	-8	-12	-13
3750	-14	-16	-19	-23	-25	-21	-14	-8	-4	-2
3760	0	3	7	8	6	12	16	20	25	29
3770	28	26	23	19	13	7	2	-1	-4	-7
3780	27	29	30	-14	-12	-11	-10	-9	-10	-13
3790	-20	-25	-30	-38	-42	-41	-37	-32	-27	-25
3800	-23	-22	-19	-17	-14	-13	-13	-14	-15	-13
3810	-10	-4	0	6	11	14	19	20	21	21
3820	21	21	20	19	17	18	24	29	34	39
3830	52	52	55	55	56	56	56	56	49	46
3840	45	41	38	29	23	18	13	12	11	8
3850	5	6	6	0	-5	-12	-14	-12	-11	-8
3860	0	0	0	9	9	10	12	14	11	11
3870	11	11	12	12	12	12	11	17	15	14
3880	4	8	14	14	11	7	2	1	2	1
3890	14	14	14	11	7	2	1	-8	-8	-7
3900	1	1	0	-1	-3	-6	-8	13	18	21
3910	-7	-6	-6	-5	-1	5	4	29	29	28
3920	22	24	26	27	26	27	28	29	29	28
3930	27	25	22	19	17	15	14	12	7	1
3940	-4	-11	-16	-18	-20	-20	-20	-21	-23	-23
3950	-22	-13	-12	-12	-10	-7	-5	-5	-5	-5
3960	-5	-5	-5	-7	-8	-8	-10	-13	-15	-15
3970	-17	-18	-16	-14	-14	-14	-15	-15	-14	-14
3980	-13	-12	-12	-12	-11	-9	-8	-8	-8	-7
3990	-7	-7	-7	-6	-5	-4	-4	-4	-4	-4
4000	-15	-16	-17	-17	-15	-11	-11	-12	-12	-12
4010	-14	-15	-16	-17	-17	-15	-15	-15	-15	-13
4020	-13	-13	-13	-13	-14	-16	-17	-17	-17	-15
4030	-12	-9	-7	-7	-7	-6	-5	-5	-5	-6
4040	-7	-7	-7	-6	-8	-10	-10	-10	-10	-6
4050	11	16	20	23	28	34	39	43	44	44
4060	46	49	49	50	49	46	40	33	25	19
4070	10	7	1	-7	-8	-11	-16	-17	-17	-17
4080	-18	-19	-19	-22	-27	-30	-32	-30	-29	-28
4090	-27	-28	-30	-33	-32	-29	-29	-29	-26	-25
4100	-23	-17	-12	-3	-3	2	7	14	18	21
4110	25	28	31	33	36	35	35	35	34	34
4120	33	31	31	31	31	30	26	22	19	19
4130	12	9	7	4	0	2	0	-5	-11	-21
4140	-31	-40	-45	-47	-49	-47	-42	-37	-33	-30
4150	-23	-12	-6	-1	6	11	18	22	26	33
4160	-42	-47	-48	-49	-49	-49	-49	-49	-49	-44
4170	37	33	29	29	34	32	28	25	21	11
4180	4	-4	-14	-19	-27	-31	-35	-40	-44	-46
4190	-47	-46	-44	-40	-38	-37	-36	-34	-33	-32
4200	-30	-30	-29	-29	-29	-29	-29	-29	-29	-31
4210	-35	-39	-40	-40	-40	-40	-38	-31	-25	-21
4220	-17	-13	-13	-13	-13	-15	-15	-15	-15	-15
4230	-85	-85	-85	-85	-85	-85	-85	-85	-85	-85
4240	-22	-23	-22	-23	-26	-27	-27	-27	-27	-24
4250	-27	-28	-33	-38	-40	-41	-41	-41	-41	-38
4260	-33	-39	-41	-41	-41	-41	-41	-41	-41	-36

TO BE CONTINUED

CONTINUED (S-1599 WEST)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4810	19	19	19	17	16	16	17	17	16	16
4820	16	14	12	11	11	9	6	2	1	0
4830	0	0	0	0	3	23	21	20	20	21
4840	25	26	25	22	23	23	7	4	0	-9
4850	21	21	20	18	16	11	7	4	0	-24
4860	-13	-14	-17	-19	-22	-23	-25	-27	-29	-29
4870	-28	-32	-33	-31	-27	-23	-21	-19	-18	-21
4880	-52	-29	-28	-23	-21	-23	9	13	17	18
4890	-19	-15	-12	6	14	8	5	4	2	-1
4900	20	21	21	16	14	3	-12	-11	-10	-10
4910	-3	-4	-7	-9	-10	-11	-12	-11	-10	-9
4920	-11	-11	-11	-12	-12	-11	19	20	20	20
4930	-4	3	8	11	14	16	19	14	15	17
4940	20	20	19	17	16	15	15	14	15	17
4950	13	19	19	20	20	20	20	19	18	17
4960	14	9	7	7	11	13	14	15	16	20
4970	25	26	28	31	32	31	31	31	28	-8
4980	26	25	22	16	12	6	1	-4	-8	-8
4990	-8	-9	-10	-7	-3	-3	-6	-8	-8	-8
5000	-12	-14	-15	-17	-18	-15	-17	-18	-15	13
5010	-10	-8	-4	-4	-5	-3	3	5	6	13
5020	17	17	17	17	17	17	16	15	14	13
5030	11	8	5	4	3	0	-4	-6	-9	-12
5040	-14	-16	-17	-15	-14	-12	-11	-10	-9	-7
5050	-2	0	2	2	2	2	5	8	10	13
5060	14	14	12	10	8	7	5	1	0	0
5070	1	3	5	7	12	18	21	21	19	19
5080	18	17	14	11	9	7	5	3	2	2
5090	0	0	0	0	0	0	1	-2	-2	0
5100	1	1	2	1	-1	-5	-9	-14	-16	-17
5110	-17	-14	-12	-12	-8	-10	-7	-7	-7	7
5120	1	1	2	2	2	4	4	4	2	-2
5130	7	7	7	7	7	7	7	7	7	7
5140	-3	-3	-2	-8	-9	-9	-9	-10	-9	-7
5150	-5	-5	-2	-3	-3	0	0	0	-4	-4
5160	0	0	0	0	0	0	0	-1	-3	-4
5170	-5	-6	-8	-9	-12	-15	-17	-19	-20	-20
5180	-16	-14	-12	-11	-9	-9	-8	-7	-7	-4
5190	-3	-3	-3	-3	-3	-3	-4	-7	-9	-11
5200	-13	-15	-17	-17	-15	-12	-7	-3	0	2
5210	6	8	10	11	10	11	12	13	14	14
5220	14	14	15	16	18	19	19	20	19	18
5230	17	17	16	16	16	16	12	10	3	-2
5240	-7	-12	-14	-16	-17	-18	-19	-19	-16	-13
5250	-13	-11	-9	-7	-10	-9	-9	-9	0	-1
5260	-10	-9	-7	-3	-3	-5	-3	0	0	0
5270	5	6	9	9	9	12	12	16	16	12
5280	11	11	11	11	12	11	12	11	10	10
5290	10	9	4	1	-5	-6	-7	-8	-9	-10
5300	-12	-13	-14	-13	-12	-5	-4	0	2	2
5310	3	5	10	11	13	14	13	12	11	8
5320	4	1	0	0	1	3	2	3	4	4
5330	4	5	7	8	7	4	3	5	-8	-8
5340	-13	-18	-22	-21	-19	-20	-20	-20	-20	-20

TO BE CONTINUED

CONTINUED (S-1599 WEST)										
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4270	6	9	14	18	21	25	28	31	34	36
4280	40	42	41	40	38	35	32	28	27	30
4290	29	27	24	21	19	16	0	0	-5	-8
4300	-12	-18	-22	-17	-20	-20	-18	-14	-14	-13
4310	-14	-15	-16	-17	-17	-20	-22	-18	-14	-13
4320	-12	-9	-9	-14	-20	-19	-19	-20	-18	-13
4330	-17	-1	3	8	13	17	25	25	21	12
4340	12	6	3	0	0	0	-3	-3	-5	-3
4350	0	0	-2	-2	-3	-5	-5	-7	-9	-12
4360	-15	-21	-28	-36	-44	-49	-51	-55	-55	-55
4370	-54	-51	-43	-45	-39	-34	-30	-26	-22	-22
4380	-23	-25	-25	-25	-26	-28	-27	-26	-23	-23
4390	-15	-8	-2	4	10	17	22	24	25	26
4400	24	23	22	20	18	17	14	12	11	10
4410	10	10	9	9	9	10	7	5	5	5
4420	5	4	4	2	0	-3	-5	-11	-19	-22
4430	-22	-19	-16	-14	-11	-9	-6	-3	-1	4
4440	8	13	14	17	18	19	20	20	21	21
4450	20	19	17	15	13	10	6	2	-2	-2
4460	-3	-2	0	0	-1	-2	-2	-2	-3	-6
4470	-4	-7	-8	-7	-7	-8	-9	-13	-12	-13
4480	-15	-18	-18	-19	-19	-17	-14	-11	-2	0
4490	5	13	12	16	18	19	19	16	14	11
4500	8	6	5	0	-3	-4	-7	-11	-14	-19
4510	-23	-27	-26	-23	-21	-20	-19	-16	-15	-14
4520	-14	-13	-12	-11	-9	-7	-5	-3	-2	-2
4530	-1	0	0	0	0	0	-3	-8	-13	-17
4540	-20	-20	-22	-20	-16	-13	-10	-7	-5	-3
4550	0	1	4	7	9	7	6	6	6	6
4560	6	4	4	4	4	4	4	3	2	0
4570	-1	-2	-3	-3	-3	-4	-5	-4	-2	-2
4580	-1	0	0	0	0	0	0	2	0	-1
4590	1	3	6	9	10	13	14	15	15	13
4600	12	9	8	3	0	0	0	0	0	0
4610	-2	-7	-12	-12	-12	-10	-10	-12	-12	-12
4620	-15	-15	-12	-9	-6	-7	-5	-2	-2	-2
4630	-1	0	0	2	5	6	6	6	6	7
4640	7	4	3	1	-2	-3	-4	-3	-2	-2
4650	-2	-1	0	2	4	7	10	14	16	19
4660	23	27	27	25	24	22	20	18	14	10
4670	9	9	12	15	19	23	26	26	27	28
4680	30	32	34	32	29	25	21	17	13	9
4690	6	1	-4	-7	-8	-8	-7	-6	-4	-2
4700	-1	0	2	3	4	3	1	-2	-3	-4
4710	-4	-5	-4	-4	-4	0	0	0	1	2
4720	2	3	6	6	4	0	-3	0	0	0
4730	2	5	6	6	9	12	14	15	19	20
4740	21	20	20	16	14	14	12	12	9	7
4750	7	8	9	10	10	11	11	12	12	15
4760	17	18	20	17	15	16	15	14	14	12
4770	3	3	-2	-2	-12	-15	-16	-18	-15	-14
4780	-12	-5	-5	-2	-1	3	5	8	9	11
4790	15	15	15	15	15	16	16	16	16	17
4800	15	15	15	15	15	16	16	16	16	17

TO BE CONTINUED

CONTINUED(S-1599 WEST)										CONTINUED(S-1599 WEST)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5350	-20	-20	-19	-19	-18	-16	-14	-14	-14	-14	5890	10	8	6	5	4	4	3	1	0	5
5360	-14	-13	-10	-10	-10	-10	-9	-7	-5	-4	5900	5	4	2	1	1	2	2	2	3	5
5370	-2	0	0	0	0	0	0	0	-1	-4	5910	5	6	7	7	9	10	10	11	15	16
5380	-7	-13	-19	-16	-20	-21	-22	-21	-21	-18	5920	15	17	17	19	22	21	20	20	21	20
5390	-11	-8	-5	-3	-4	-4	-5	-4	-4	-4	5930	20	23	17	15	14	15	13	11	9	4
5400	-4	-4	-3	-3	-4	-5	-5	-5	-4	-4	5940	0	1	1	3	4	4	6	7	12	10
5410	3	7	8	13	13	15	17	23	25	25	5950	7	4	4	4	4	6	5	7	8	9
5420	24	20	19	17	15	18	18	15	0	0	5960	9	10	8	3	3	7	7	7	8	9
5430	6	9	7	8	10	12	12	12	12	12	5970	9	10	9	9	9	9	10	11	12	14
5440	12	13	14	15	14	13	11	10	8	6	5980	13	10	9	8	8	10	10	10	10	9
5450	2	2	3	3	0	0	1	2	2	3	5990	9	3	7	7	7	7	7	7	6	4
5460	3	7	10	12	13	14	15	17	18	19											
5470	21	22	22	23	25	26	28	30	31	30											
5480	30	30	30	28	25	25	25	25	24	23											
5490	22	22	22	21	20	19	18	17	17	17											
5500	17	17	17	17	16	16	16	14	13	8											
5510	7	6	7	7	7	7	7	14	13	12											
5520	12	12	12	5	5	6	7	7	7	7											
5530	6	5	5	6	7	9	11	12	12	12											
5540	12	12	15	15	15	15	9	9	9	8											
5550	7	6	6	5	6	6	3	1	1	1											
5560	0	0	0	0	0	0	0	1	3	4											
5570	3	3	4	4	4	4	5	1	-2	-5											
5580	-7	-9	-9	-9	-9	-10	-10	-8	-3	-3											
5590	-5	-2	-2	-2	-2	-2	-3	-2	-2	-4											
5600	-5	-5	-5	-5	-6	-7	-8	-9	-10	-10											
5610	-10	-10	-9	-6	-6	-11	-10	0	-2	-4											
5620	-6	-7	-7	-9	-12	-11	-10	-10	-10	-9											
5630	-8	-8	-8	-8	-7	-7	-6	-4	-4	-4											
5640	-4	-5	-1	1	3	4	5	5	6	7											
5650	9	11	14	15	15	15	12	11	10	9											
5660	9	7	7	7	7	7	7	6	6	7											
5670	7	7	7	7	7	7	7	7	7	7											
5680	12	11	10	7	3	2	3	4	4	3											
5690	3	4	3	2	1	0	1	0	0	0											
5700	1	3	5	7	8	8	7	7	6	5											
5710	2	0	0	0	0	-1	-2	-3	0	3											
5720	4	4	4	5	5	5	4	4	3	1											
5730	0	-2	-3	-4	-4	-6	-6	-8	-7	-4											
5740	-2	-2	0	3	4	4	4	3	2	1											
5750	0	-1	-2	-2	-3	-5	-9	-10	-10	-10											
5760	-9	-9	-9	-9	-8	-8	-8	-8	-8	-8											
5770	1	4	5	6	8	9	8	7	7	6											
5780	5	6	7	7	7	7	9	10	10	10											
5790	11	12	12	12	12	12	12	12	12	11											
5800	11	11	11	12	12	13	17	17	18	20											
5810	22	25	27	31	32	27	23	23	24	21											
5820	17	13	14	15	14	14	14	13	14	14											
5830	14	14	13	12	10	7	5	5	5	5											
5840	4	5	7	6	6	5	5	5	5	6											
5850	5	5	5	4	3	1	0	-2	-5	-9											
5860	-11	-10	-9	-7	-6	-4	0	4	5	5											
5870	6	6	0	3	2	0	-1	-2	-1	-1											
5880	-1	0	0	0	2	11	12	13	13	11											

TO BE CONTINUED

END

RECORD = S-1599 COMPONENT = DOWN STATION = MURORAN-S
 DATE AND TIME = 1983-06-21-15-26 TOTAL NUMBER OF DATA = 6100
 SAMPLING INTERVAL = 0.010 (SEC) SCAL = 0.10000
 SIGNAL GR. ACC.
 CONNECTION POINT IN DATA NUMBER = 3079, 6100

CONTINUED(S-1599 DOWN)

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	-8	-9	-9	-9	-8	-6	-4	-3	-4	-4
500	-5	-7	-10	-9	-6	-5	-5	-5	-3	-3
510	1	0	-2	-5	-5	-1	-1	-2	-4	-4
520	-7	-9	-3	-3	3	8	3	1	0	-2
530	-4	-3	-7	-7	-11	-8	-3	-2	-1	-1
540	1	5	7	10	11	11	10	10	10	10
550	12	22	25	24	20	20	18	16	11	5
560	-5	-6	-1	1	1	5	5	2	1	-1
570	-3	-4	-8	-11	-12	-11	-8	-7	0	3
580	5	4	3	0	-1	-4	-1	0	0	0
590	1	1	2	4	6	6	5	1	-1	-6
600	-9	-14	-18	-19	-18	-14	-9	-6	-3	0
610	-1	-3	-7	-9	-11	-14	-13	-6	-1	0
620	2	5	7	4	3	4	3	1	0	0
630	-1	-1	-1	-1	-2	-2	-3	-5	-1	-1
640	-1	-2	-4	-5	-6	-8	-10	-11	-9	-11
650	-9	-7	-7	-7	-9	-10	-9	-7	-5	-7
660	-6	-1	0	0	1	3	6	6	7	8
670	9	15	14	15	15	17	16	12	10	5
680	2	-2	-7	-9	-13	-8	-6	-5	-3	-3
690	6	10	10	9	9	8	5	3	1	1
700	0	-2	-8	-9	-9	-24	-25	-24	-24	-23
710	-22	-25	-24	-24	-23	-18	-14	-14	-8	-8
720	-6	-2	0	6	12	14	12	9	10	10
730	11	11	10	8	7	8	9	8	6	4
740	3	1	0	2	4	5	7	10	15	19
750	20	19	17	15	15	12	10	9	7	7
760	3	3	4	5	5	2	0	-2	-5	-7
770	-11	-13	-14	-16	-19	-13	-14	-11	-12	-12
780	-16	-17	-14	-10	-10	-10	-10	-8	-6	-6
790	-7	-9	-11	-12	-8	-6	-0	-7	-6	-6
800	-5	0	4	5	5	5	1	-5	-5	-5
810	-14	-15	-14	-9	-6	-2	0	2	4	9
820	11	11	17	20	20	20	15	11	5	3
830	-3	-4	-8	-10	-11	-12	-15	-14	-16	-16
840	-15	-17	-18	-20	-20	-26	-22	-16	-15	-14
850	-11	-9	-6	-8	-9	-10	-9	-8	-6	-6
860	-5	-5	-2	0	2	4	6	4	3	2
870	2	1	1	0	0	0	0	-1	-3	-6
880	-8	-10	-10	-9	-7	-5	-4	-2	0	1
890	4	4	4	4	5	5	6	6	5	4
900	0	-2	-3	-3	-3	-7	-6	-7	-4	-1
910	2	6	7	8	8	8	7	7	7	6
920	7	8	8	9	10	10	11	11	11	11
930	2	1	-15	-24	-23	-19	-15	-11	-8	-6
940	0	-10	-15	-12	2	3	0	-4	-9	-9
950	-2	0	1	2	2	5	2	0	-4	-9
960	-16	-13	-12	-14	-17	-13	-10	-8	-3	0
970	1	1	0	0	-3	-8	-9	-10	-14	-16
980	-19	-18	-24	-17	-14	-12	-11	-11	-10	-10
990	-16	-21	-17	-17	-14	-9	-6	-1	5	8
1000	-8	3	6	5	1	0	0	-1	-4	-6
1010	-5	-3	0	1	1	2	5	7	8	7
1020	8	8	5	0	-4	-6	-7	-9	-12	-15

TO BE CONTINUED

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
100	1	1	1	2	2	2	3	3	3	4
110	4	5	6	5	4	4	4	3	2	1
120	0	-2	-3	-5	-6	-6	-6	-5	-5	-5
130	-5	-3	0	1	0	-1	-3	-6	-8	-9
140	-10	-11	-9	-6	-3	-2	-1	-1	-1	-1
150	-2	-3	-2	-1	0	0	0	-1	-4	-4
160	-6	-7	-7	-7	-6	-5	-4	-3	-3	-3
170	-3	-7	-10	-11	-12	-11	-10	-13	-18	-18
180	-21	-22	-15	-14	-16	-17	-15	-14	-12	-12
190	-9	-7	-7	-5	-2	-1	0	6	6	2
200	0	0	1	0	-1	0	0	-4	-4	-8
210	-8	-9	-9	-9	-9	-9	-9	-9	-9	-8
220	10	10	10	10	11	11	11	11	11	11
230	0	-3	-4	-4	-5	-5	-5	-5	-5	-5
240	4	6	7	7	7	5	5	5	3	2
250	-1	-3	-6	-9	-11	-11	-12	-12	-13	-11
260	-10	-12	-10	-8	-2	1	5	6	9	10
270	14	16	16	14	12	8	7	4	2	2
280	3	3	2	-1	-3	0	0	1	-1	-1
290	-3	-3	0	0	2	2	4	5	4	4
300	4	4	4	4	4	-2	-6	-5	-8	-8
310	-4	-2	-2	0	0	1	2	3	2	1
320	0	0	-2	0	-2	-5	-8	-11	-14	-18
330	-22	-23	-23	-22	-20	-16	-13	-9	-4	-1
340	2	4	6	6	6	5	3	1	2	5
350	7	7	8	8	8	8	10	13	16	17
360	17	15	10	8	8	8	7	6	4	4
370	4	5	8	12	13	15	10	6	4	3
380	2	0	-3	-1	2	2	3	3	2	-1
390	-3	-3	-5	-4	0	1	0	-4	-4	-4
400	-3	-3	0	-1	-1	-1	4	6	7	7
410	7	5	1	-5	-10	-11	-8	-6	-6	-6
420	-7	-7	-6	-4	-3	-4	-2	-1	-6	-12
430	-12	-13	-4	-15	-12	-8	-8	-6	-5	-5
440	-1	3	4	4	3	3	3	3	2	1
450	0	0	0	1	1	3	3	1	0	-1
460	3	5	5	8	10	13	19	20	20	21
470	21	21	21	19	17	14	12	12	9	9
480	5	3	0	-2	-2	-5	-8	-8	-8	-7

TO BE CONTINUED

CONTINUED(S-1599 DOWN)												CONTINUED(S-1599 DOWN)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
1030	-19	-22	-24	-24	-21	-15	-10	-10	-13	-12	1570	-14	-12	-10	-10	-10	-12	-15	-17	-19	-20		
1040	-12	-12	-10	-9	-8	-8	-6	-6	-3	-3	1580	-22	-31	-15	-9	-7	-5	0	2	3	9	11	
1050	2	-1	-1	-4	-4	-13	-16	-21	-26	-24	1590	3	8	13	14	10	7	5	3	3	6		
1060	-23	-24	-24	-21	-16	-11	-1	2	1	-4	1600	1	2	3	7	9	11	13	14	11	11		
1070	-4	-3	-2	-2	-2	0	5	8	11	-4	1610	3	2	2	-1	-8	-13	-17	-21	-23	-27		
1080	7	2	2	2	-4	-7	-11	-12	-13	-11	1620	-34	-38	-43	-48	-49	-50	-49	-45	-35	-30		
1090	-10	-7	-8	-8	-8	-4	-1	0	1	1	1630	-23	-11	0	20	32	46	56	66	80	89		
1100	2	3	1	0	1	1	0	-3	-5	-6	1640	92	96	97	80	72	52	30	8	-15	-38		
1110	-3	-2	1	2	5	7	10	12	13	10	1650	-46	-66	-60	-80	-86	-83	-79	-74	-67	-58		
1120	3	1	2	5	7	10	12	13	13	10	1660	-47	-33	-14	-6	10	34	60	76	92	110		
1130	4	4	0	-6	-15	-15	-10	-3	1	8	1670	120	127	127	119	104	89	75	54	28	11		
1140	12	15	16	14	10	10	9	9	8	9	1680	-13	-27	-61	-52	-59	-70	-81	-89	-88	-103		
1150	11	13	12	9	4	3	9	-13	-14	-12	1690	-97	-84	-71	-55	-34	-17	8	6	20	28		
1160	-10	-8	-6	-3	-1	1	3	6	9	10	1700	35	33	24	16	7	-4	-12	-13	-24	-31		
1170	11	10	11	11	11	11	11	10	8	8	1710	-36	-38	-28	-20	-16	-13	-5	-2	4	8		
1180	10	10	11	11	11	11	11	10	8	8	1720	-42	-36	-28	-20	-16	-13	-5	-2	4	8		
1190	8	7	7	7	7	7	7	7	7	7	1730	13	23	38	61	93	106	114	119	118	118		
1200	-1	-6	-3	0	0	0	0	0	0	0	1740	106	90	69	24	-23	-67	-97	-119	-132	-134		
1210	4	5	5	5	5	5	5	5	5	5	1750	-128	-94	-41	7	58	97	141	172	180	182		
1220	5	5	5	5	5	5	5	5	5	5	1760	180	160	118	90	61	30	9	-8	-23	-28		
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1240	-4	-2	0	3	5	4	3	3	2	2	1780	-135	-145	-145	-185	-189	-170	-143	-110	-82	-47		
1250	-12	-14	-13	-10	-3	1	3	3	2	2	1790	-3	54	124	192	239	260	240	246	221	191		
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1270	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	1810	-112	-115	-113	-102	-86	-74	-64	-54	-45	-31		
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1340	-13	-11	-4	0	2	5	6	16	17	16	1880	-105	-105	-105	-104	-98	-93	-93	-88	-77	-73		
1350	15	14	8	4	4	4	6	8	9	9	1890	-72	-59	-38	-23	-10	1	17	30	42	47		
1360	9	9	8	8	10	11	13	13	13	13	1900	53	55	55	54	37	16	10	-8	-34	-59		
1370	13	13	13	13	13	12	12	11	9	7	1910	-81	-100	-107	-117	-123	-127	-121	-100	-82	-65		
1380	7	7	7	8	8	8	8	10	10	10	1920	124	134	147	159	166	169	167	146	118	91		
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1410	-5	-6	-7	-8	-10	-12	-14	-14	-13	-13	1950	-68	-56	-48	-36	-20	-5	13	23	32	50		
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1440	-7	-8	-9	-12	-11	-10	-7	-2	-2	-4	1980	-76	-66	-110	-115	-106	-72	-48	-17	31	60		
1450	1	3	5	7	11	14	15	15	14	13	1990	103	139	169	184	181	168	143	114	79	79		
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1470	-13	-13	-11	-3	4	6	2	0	-1	-7	2010	-78	-76	-76	-75	-70	-64	-59	-57	-55	-38		
1480	19	19	17	17	16	12	9	6	4	4	2020	-20	-7	1	8	31	36	44	59	67	75		
1490	6	9	10	12	12	12	12	12	12	12	2030	77	77	77	77	76	75	64	50	32	9		
1500	3	3	0	-1	-2	-3	-3	-3	-3	-4	2040	-6	-19	-37	-48	-66	-88	-96	-96	-81	-63		
1510	3	3	3	3	3	3	3	3	3	3	2050	-46	-32	-23	-13	-16	-20	-7	4	10	18		
1520	3	3	3	3	3	3	3	3	3	3	2060	32	45	52	55	56	53	37	13	-3	-16		
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1550	4	5	7	11	17	22	25	26	21	18	2090	19	20	24	26	27	28	28	26	25	14		
1560	17	14	8	1	-6	-15	-21	-23	-23	-20	2100	11	9	3	0	5	6	4	2	4	5		

TO BE CONTINUED

TO BE CONTINUED

CONTINUED(S-1599 DOWN)											CONTINUED(S-1599 DOWN)										
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2110	5	7	7	5	-3	-11	-18	-24	-31	-45	2650	-22	-22	-16	-17	-19	-18	-18	-16	-14	
2120	-8	-40	-36	-33	-37	-33	-33	-33	-35	-36	2660	-12	-12	-13	-5	-9	-19	-8	-7	-5	
2130	0	-28	0	-10	0	6	18	28	42	45	2670	0	1	5	8	12	15	16	20	14	
2140	51	51	55	58	47	30	18	6	3	0	2680	10	6	2	0	-3	-5	-7	-3	2	
2150	3	0	0	8	8	8	9	3	0	-14	2690	6	9	19	16	18	13	20	21	26	
2160	-20	-23	-36	-52	-48	-66	-42	-36	-36	-27	2700	31	35	37	26	15	13	13	10	9	
2170	-19	-14	-12	-6	-2	-1	-1	-1	-1	-1	2710	5	5	3	0	-2	-6	-8	-8	-8	
2180	0	2	5	9	15	19	19	14	8	5	2720	8	8	-9	-10	-10	-11	-11	-11	-13	
2190	4	5	6	10	14	18	23	30	36	41	2730	-18	-18	-19	-20	-20	-20	-20	-20	-20	
2200	45	47	48	43	46	41	35	25	14	-1	2740	-20	-19	-18	-18	-19	-18	-14	-10	-7	
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2220	-33	-50	-42	-33	-20	-13	-4	1	-2	-6	2760	-8	-12	-16	-20	-22	-27	-31	-31	-26	
2230	-10	-16	-24	-29	-35	-39	-39	-27	-23	-19	2770	-21	-19	-15	-13	-7	-4	1	6	14	
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2470	39	40	40	40	39	39	37	33	31	30	3010	22	33	35	35	31	24	25	24	20	
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2490	0	3	4	5	5	7	7	7	5	1	3030	26	28	28	23	22	22	19	13	11	
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2590	42	42	42	42	42	41	40	34	25	17	3130	-5	0	3	6	9	13	16	16	15	
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2640	-9	-10	-14	-19	-19	-18	-22	-24	-17	-20	3180	-15	-16	-16	-15	-14	-14	-13	-12	-11	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1599 DOWN)										CONTINUED (S-1599 DOWN)											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3190	-5	-9	-4	-3	-3	-2	-2	0	2	3	3730	7	9	9	7	4	1	-1	-4	-8	-12
3200	7	11	15	17	18	14	14	13	15	10	3740	-14	-13	-9	-5	-3	-3	-3	-4	-8	-12
3210	-7	-3	-3	-6	-12	-19	-19	-21	-23	-23	3750	-10	-8	-5	-15	-13	-9	-11	-12	-12	-14
3220	24	-25	-23	-20	-18	-17	-17	-17	-17	-17	3760	-15	-15	-15	-15	-13	-11	-9	-8	-7	-6
3230	-17	-17	-14	-10	-8	-7	-5	-3	-3	-3	3770	-6	-5	-2	0	0	-1	-2	-3	-5	-6
3240	0	1	2	6	11	14	14	15	16	16	3780	-6	-6	-6	0	-6	-6	-5	-3	-5	-3
3250	16	15	12	7	5	1	-1	-3	-6	-7	3790	4	6	6	8	8	9	9	9	10	11
3260	-5	-4	-2	1	1	1	3	3	4	4	3800	12	11	9	3	5	4	4	2	-1	2
3270	5	8	11	15	17	20	24	26	26	24	3810	1	1	1	3	4	4	6	6	6	8
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3290	-35	-33	-33	-33	-33	-33	-29	-25	-22	-22	3830	11	11	11	11	7	4	1	0	-2	-2
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TO BE CONTINUED

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4280	-12	-12	-12	-12	-12	-12	-10	-7	-3	-3	4820	11	11	11	10	9	11	9	9	10	12
4290	0	1	2	4	6	6	6	6	6	6	4830	14	13	13	12	11	11	10	8	8	9
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CONTINUED(S-1599 DOWN)										CONTINUED(S-1599 DOWN)											
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TO BE CONTINUED

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港湾技研資料 No. 458

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